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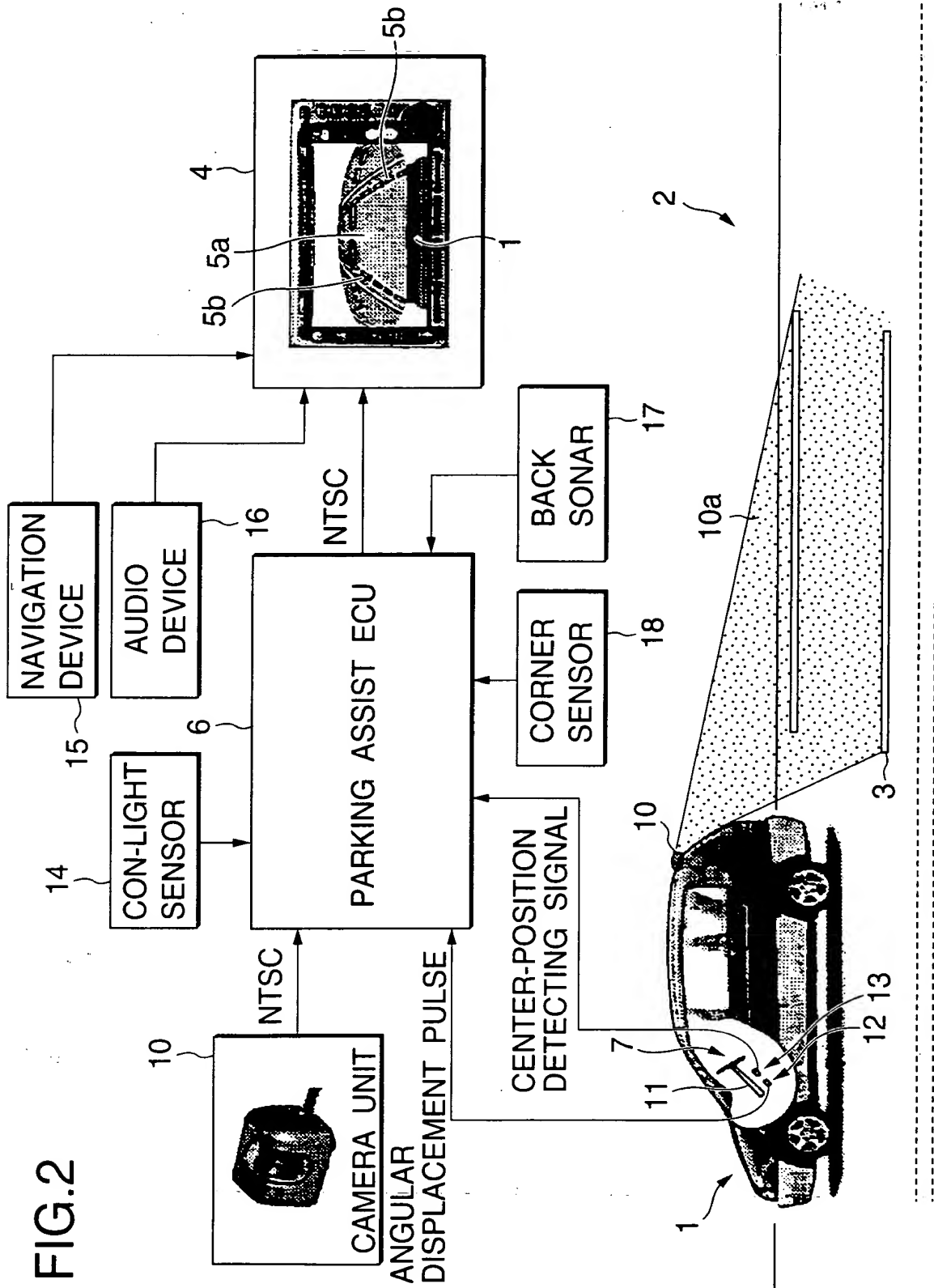
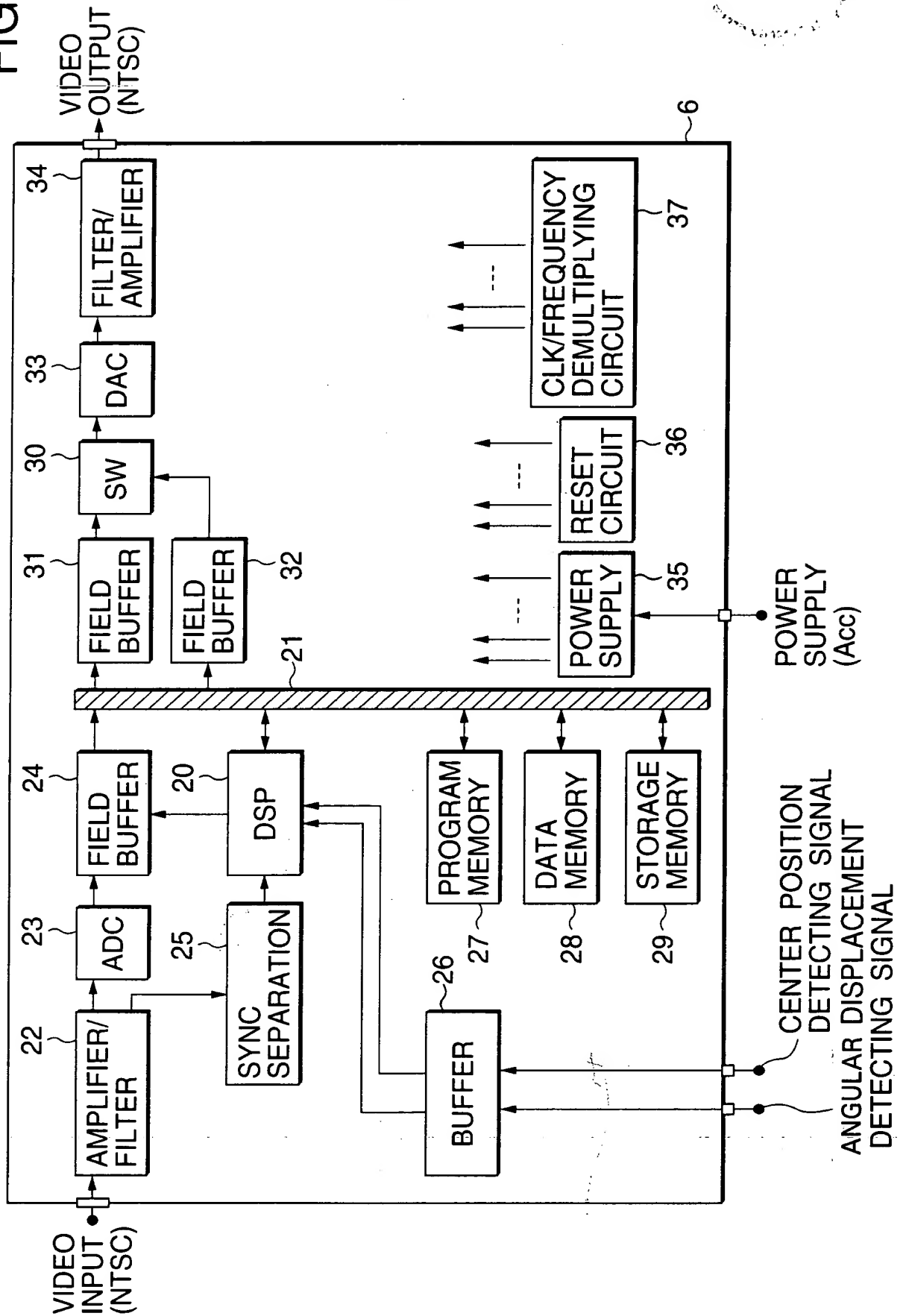


FIG.3

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FIG.4A

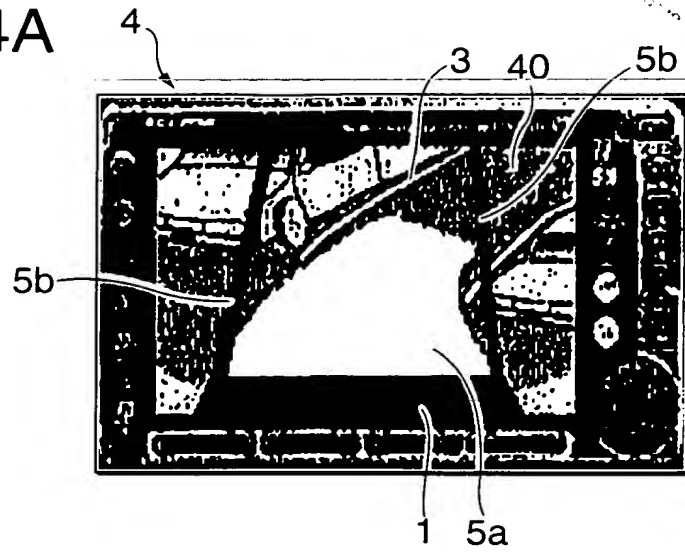


FIG.4B

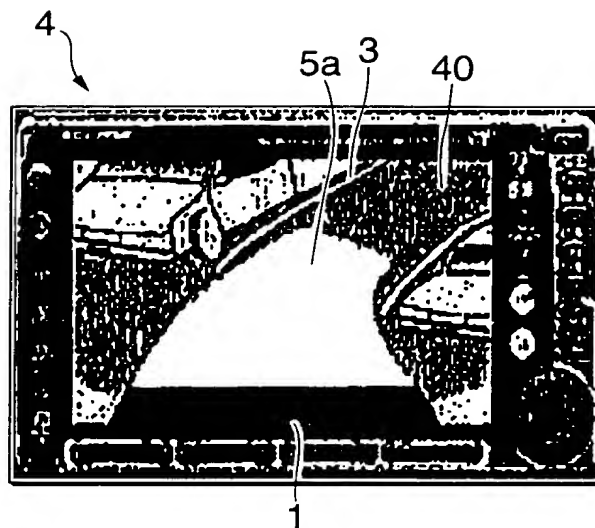
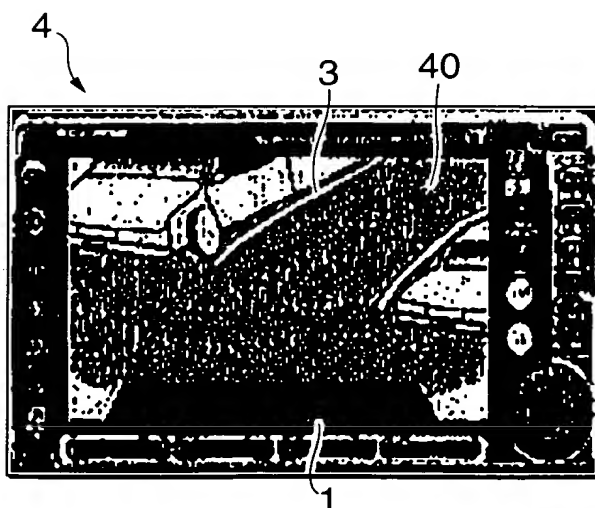


FIG.4C



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FIG.5

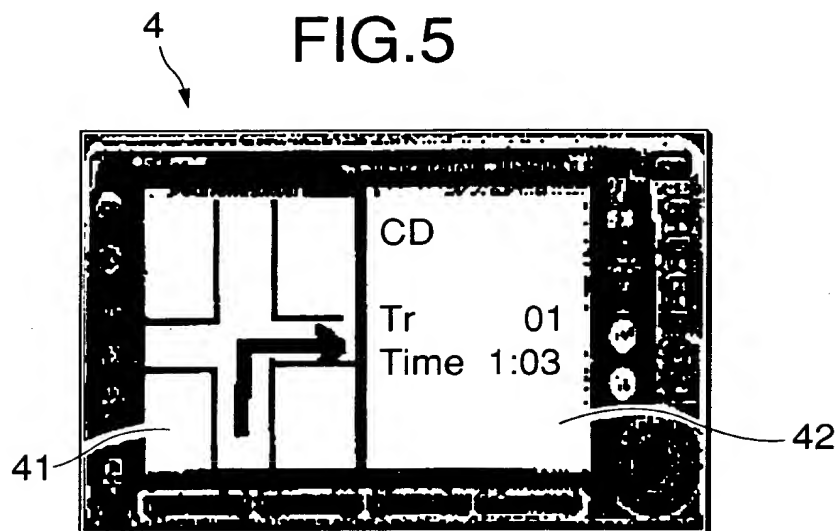


FIG.6

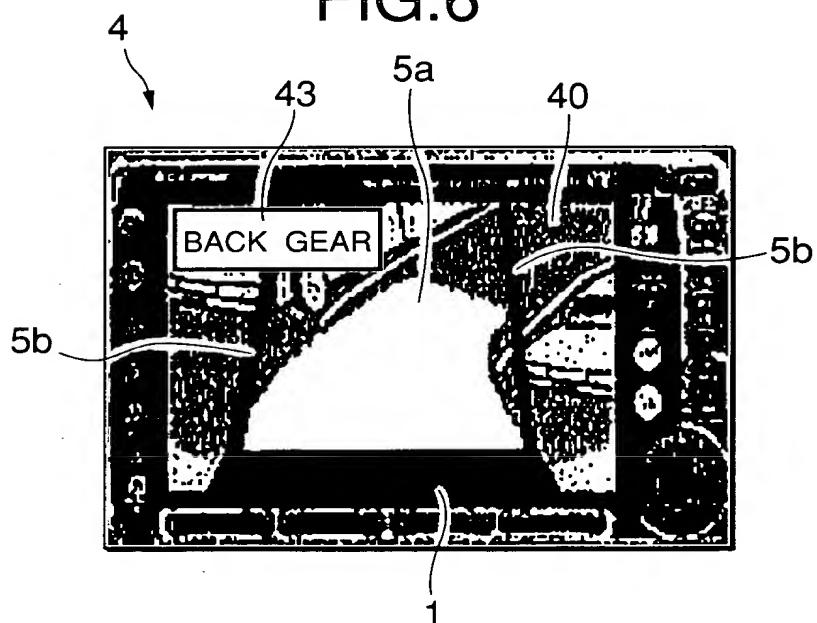
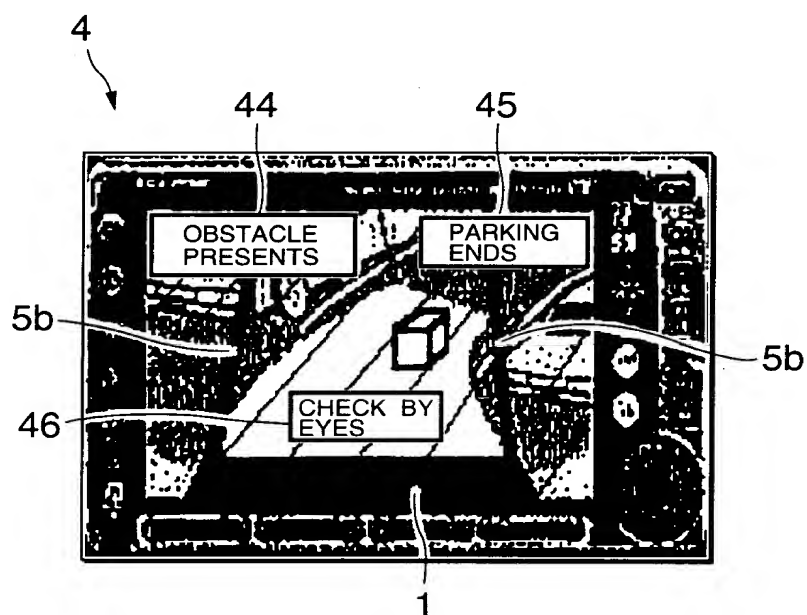
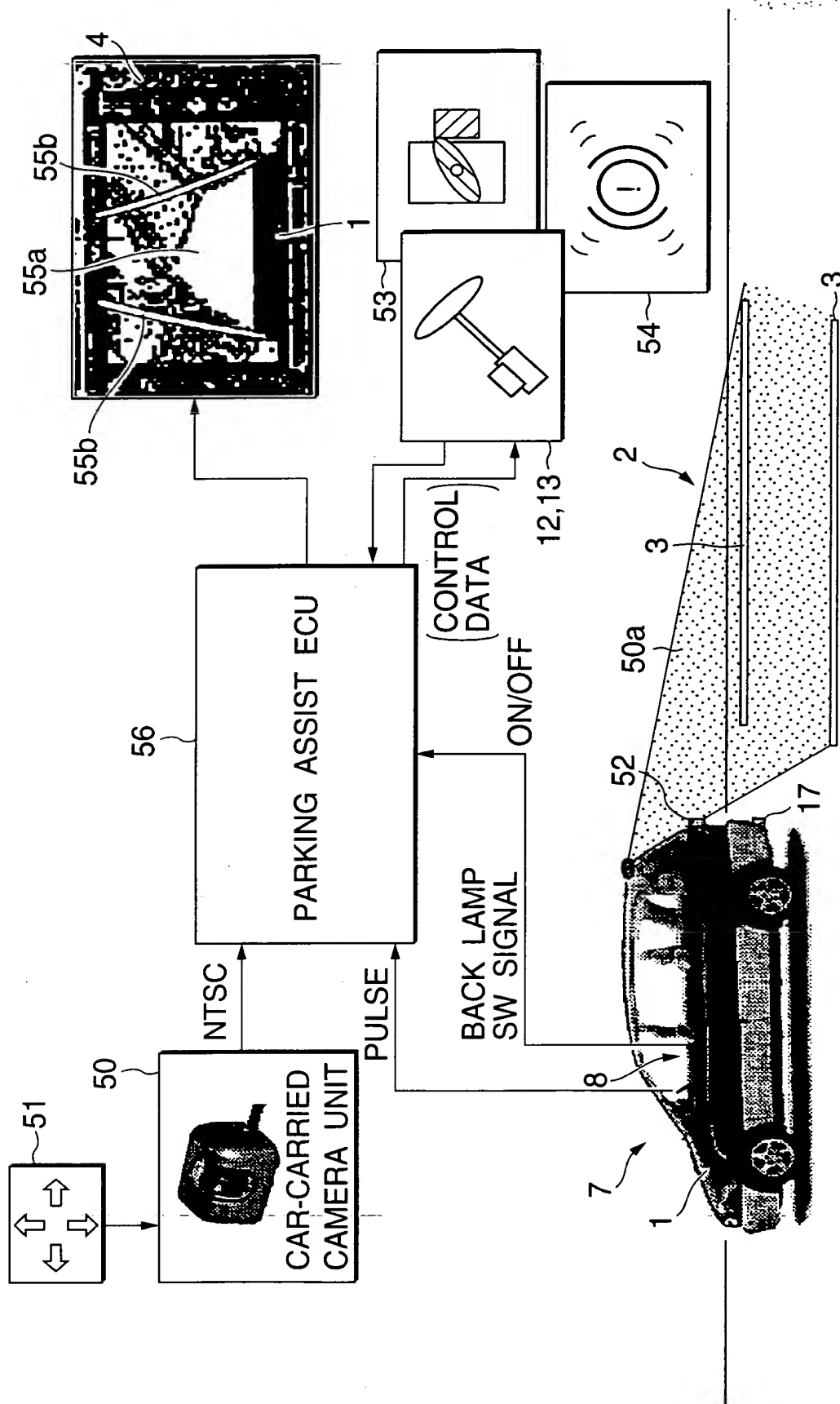


FIG. 7



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FIG.8



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FIG.9

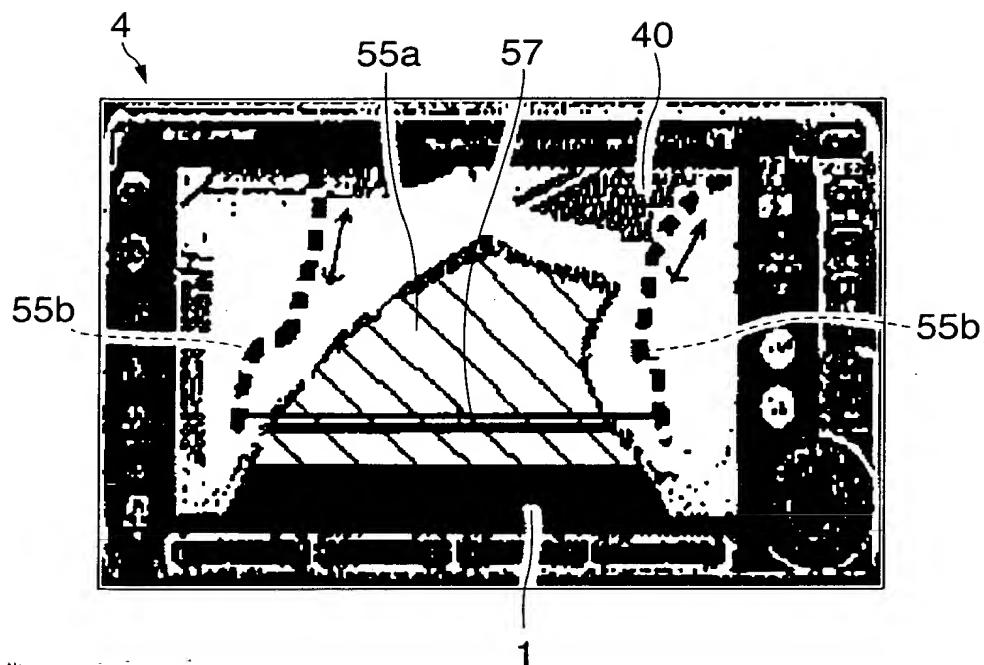
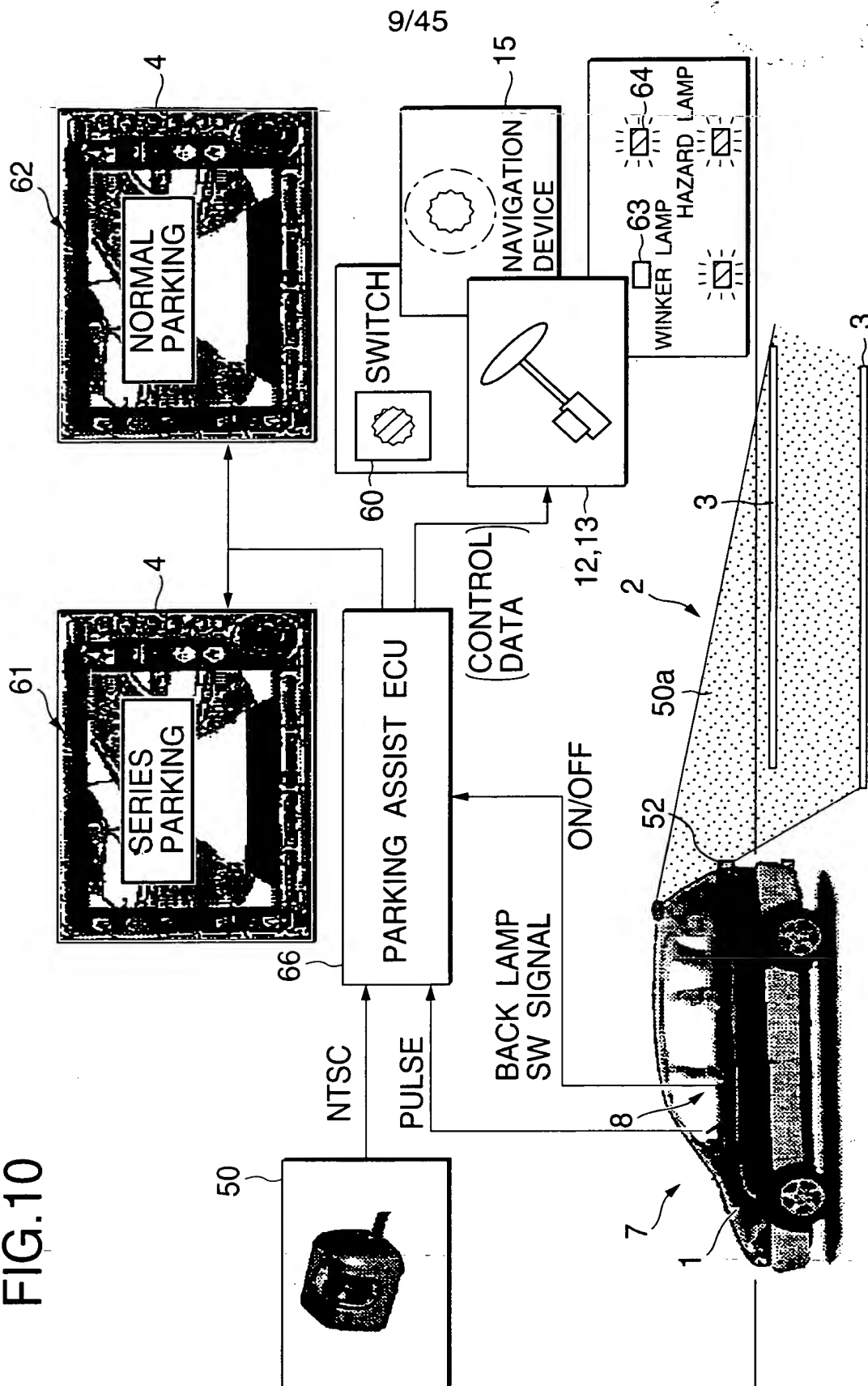




FIG.10



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FIG.11

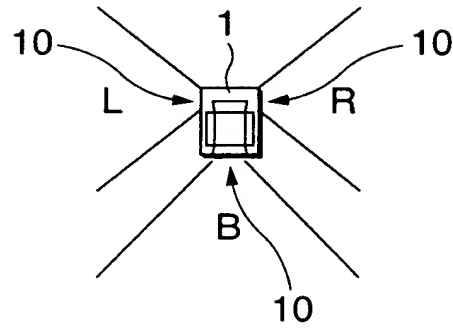


FIG.12

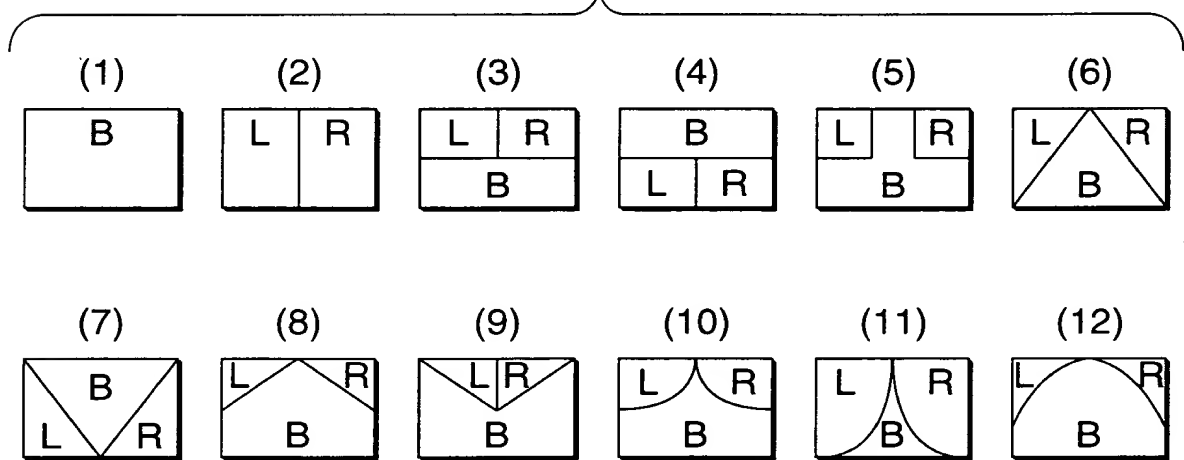
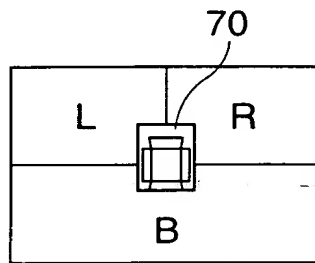


FIG.13



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FIG.14A

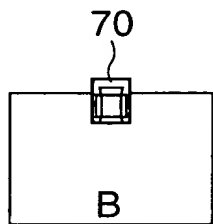


FIG.14B

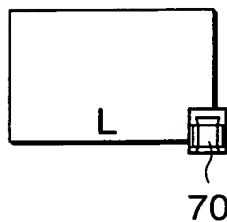


FIG.14C

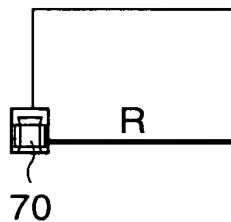


FIG.14D

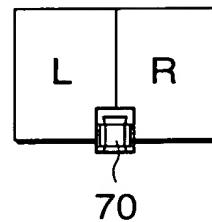


FIG.15

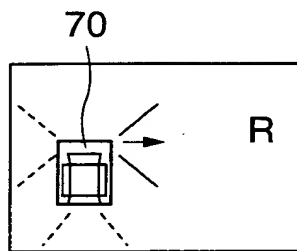


FIG.16

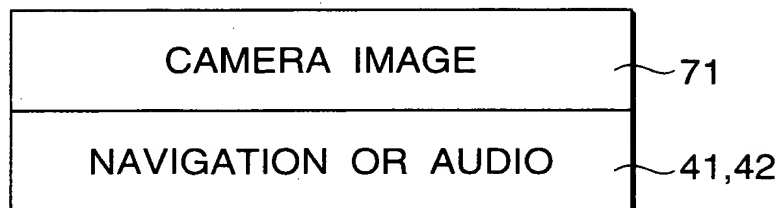
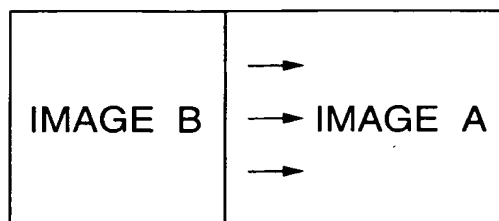


FIG.17



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FIG.18

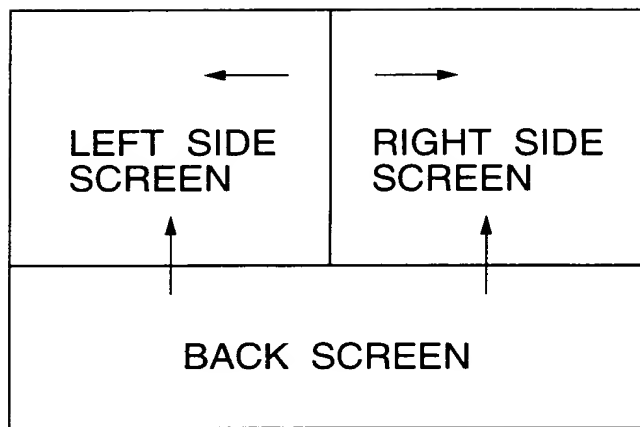
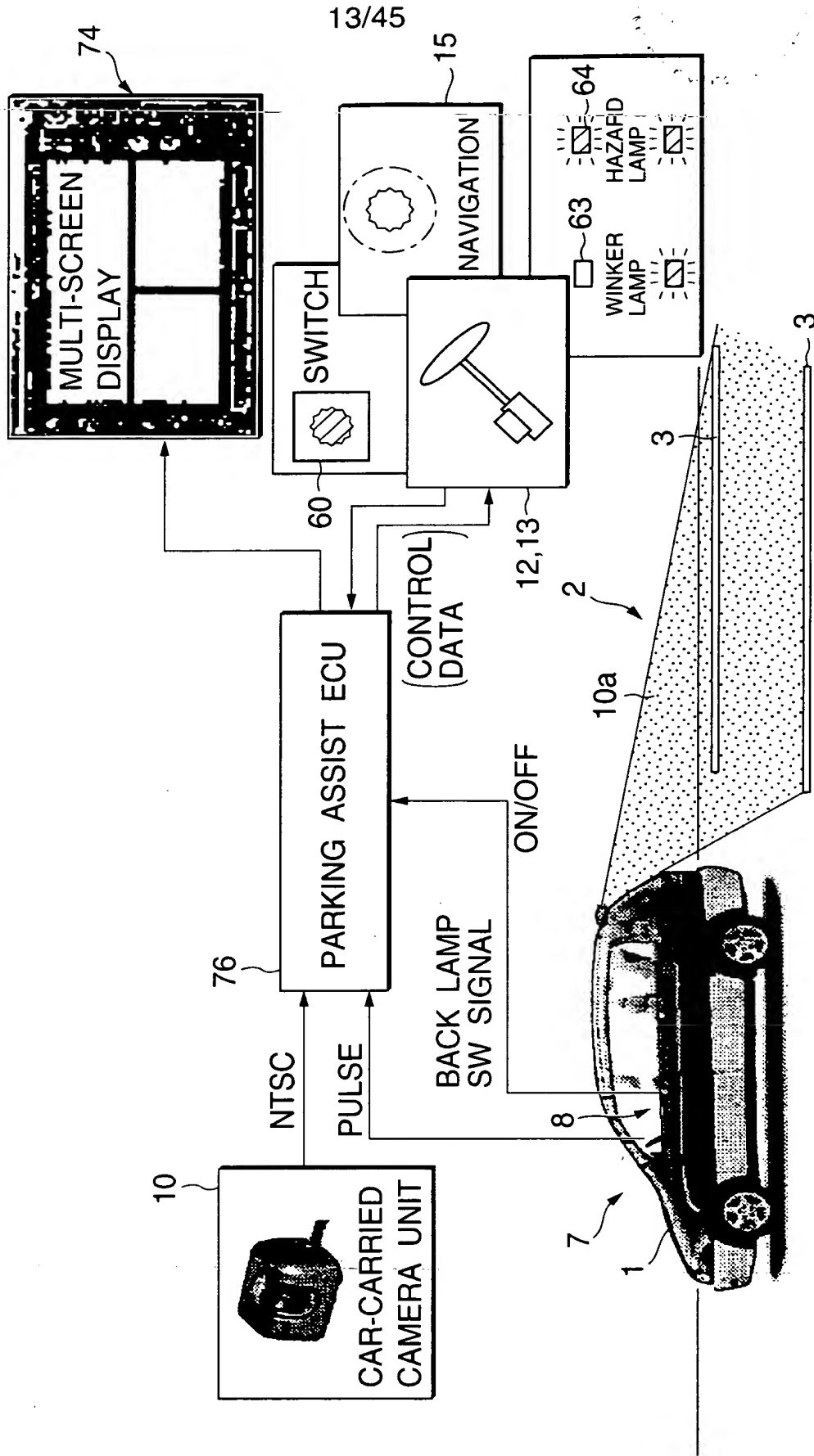
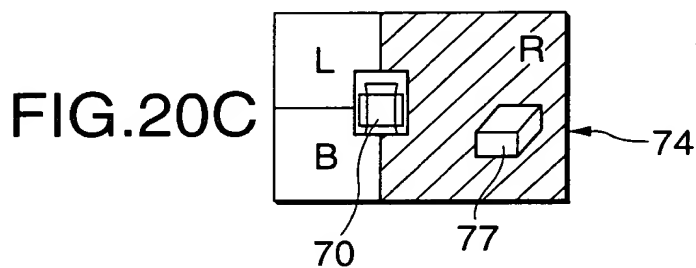
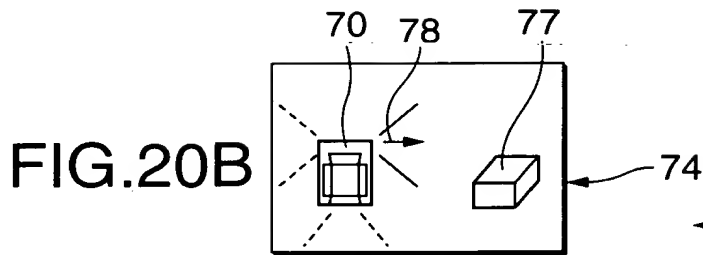


FIG. 19

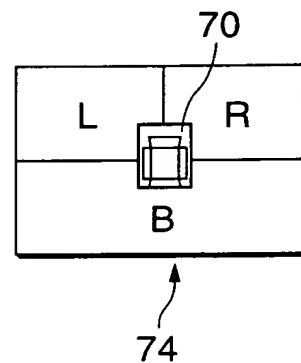


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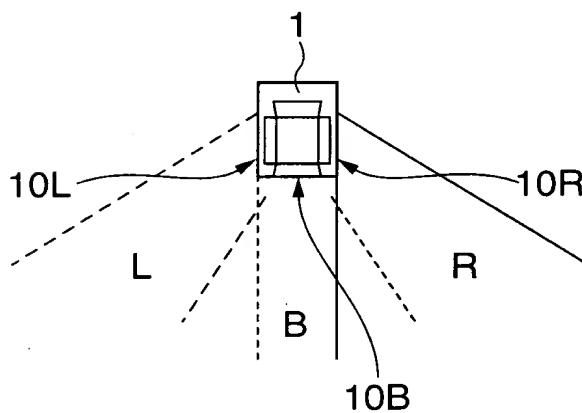


**FIG.20A**

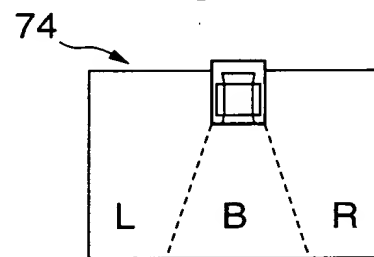
OBSTACLE  
DETECTION



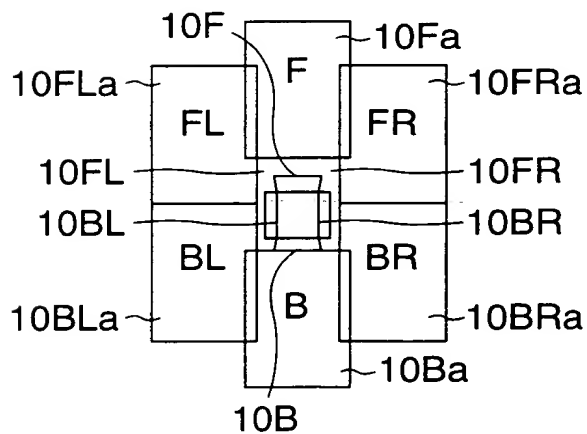
**FIG.21A**



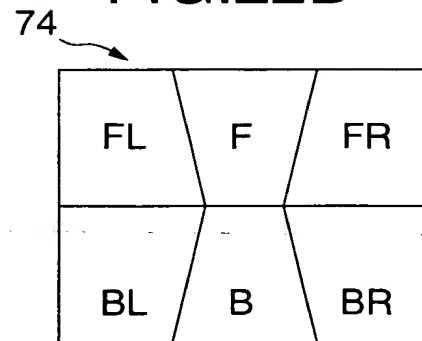
**FIG.21B**



**FIG.22A**



**FIG.22B**





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FIG.24A

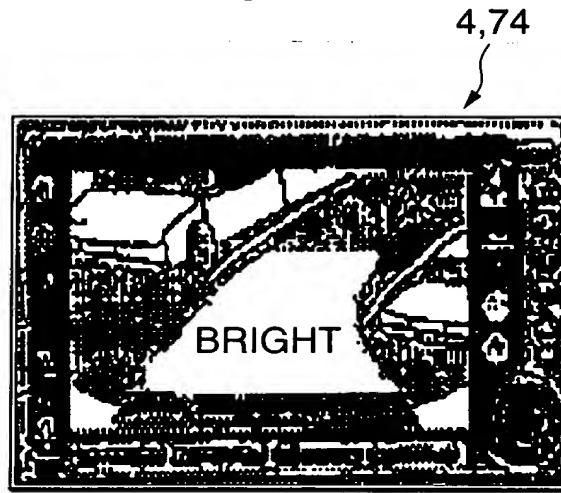


FIG.24B

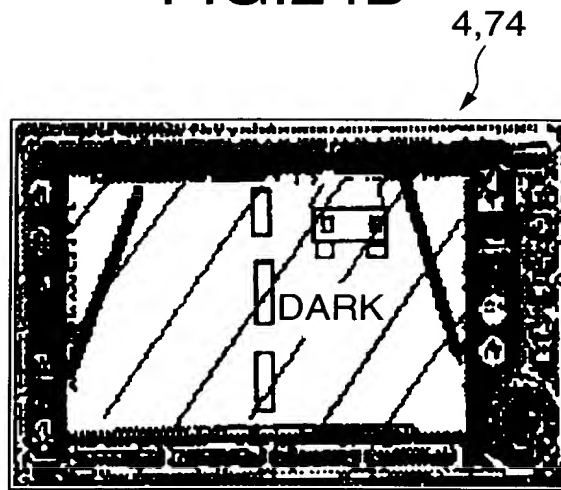


FIG.25

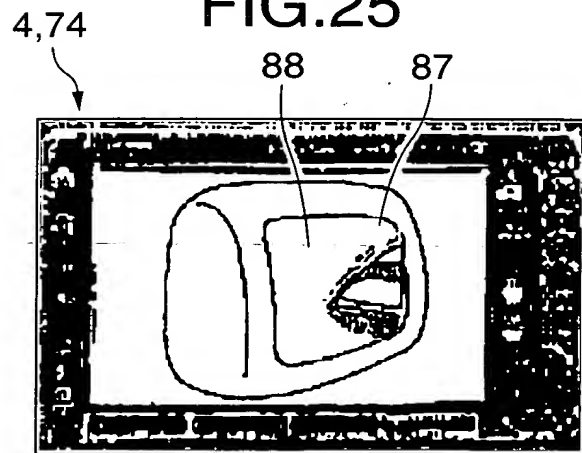
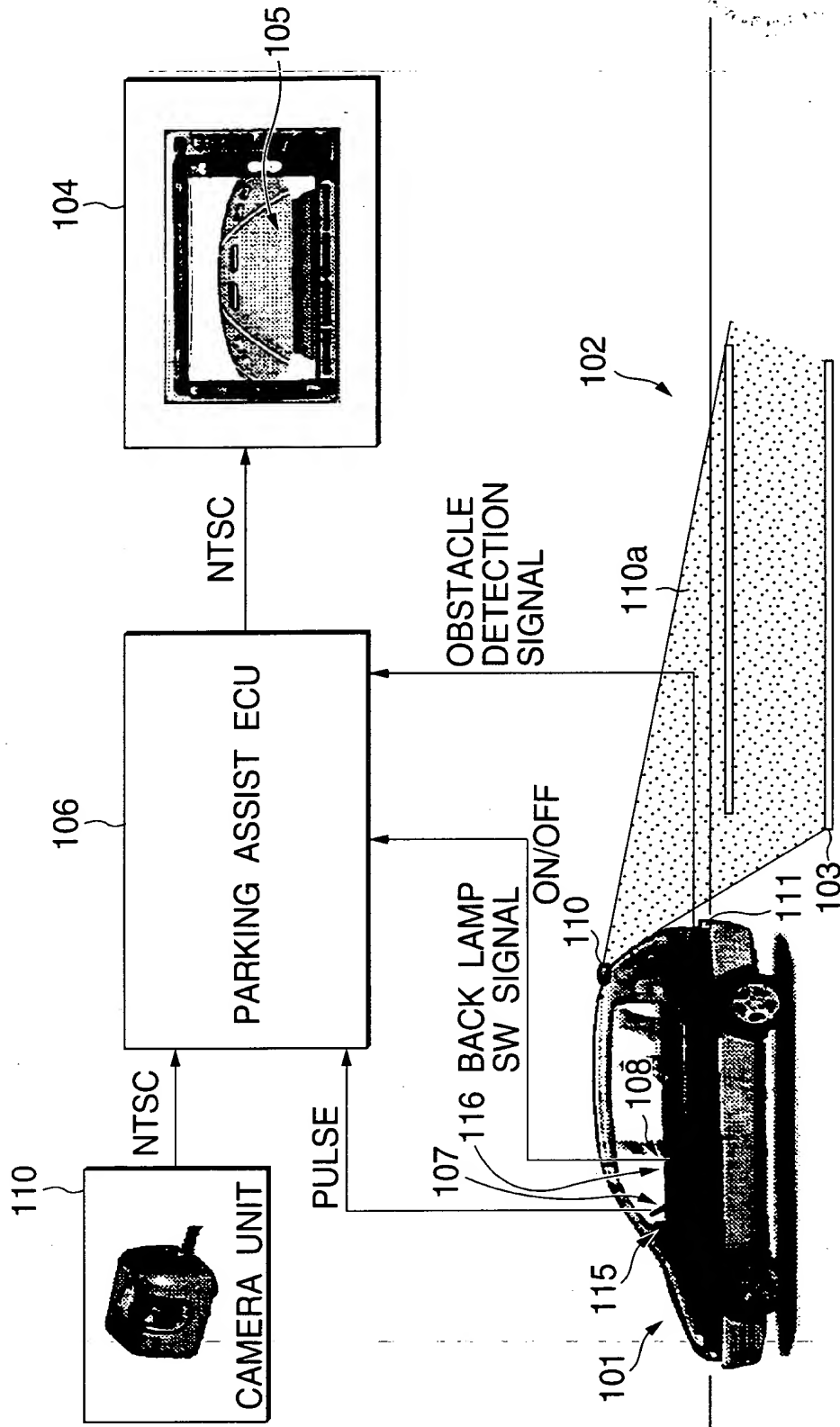






FIG.27



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FIG.28

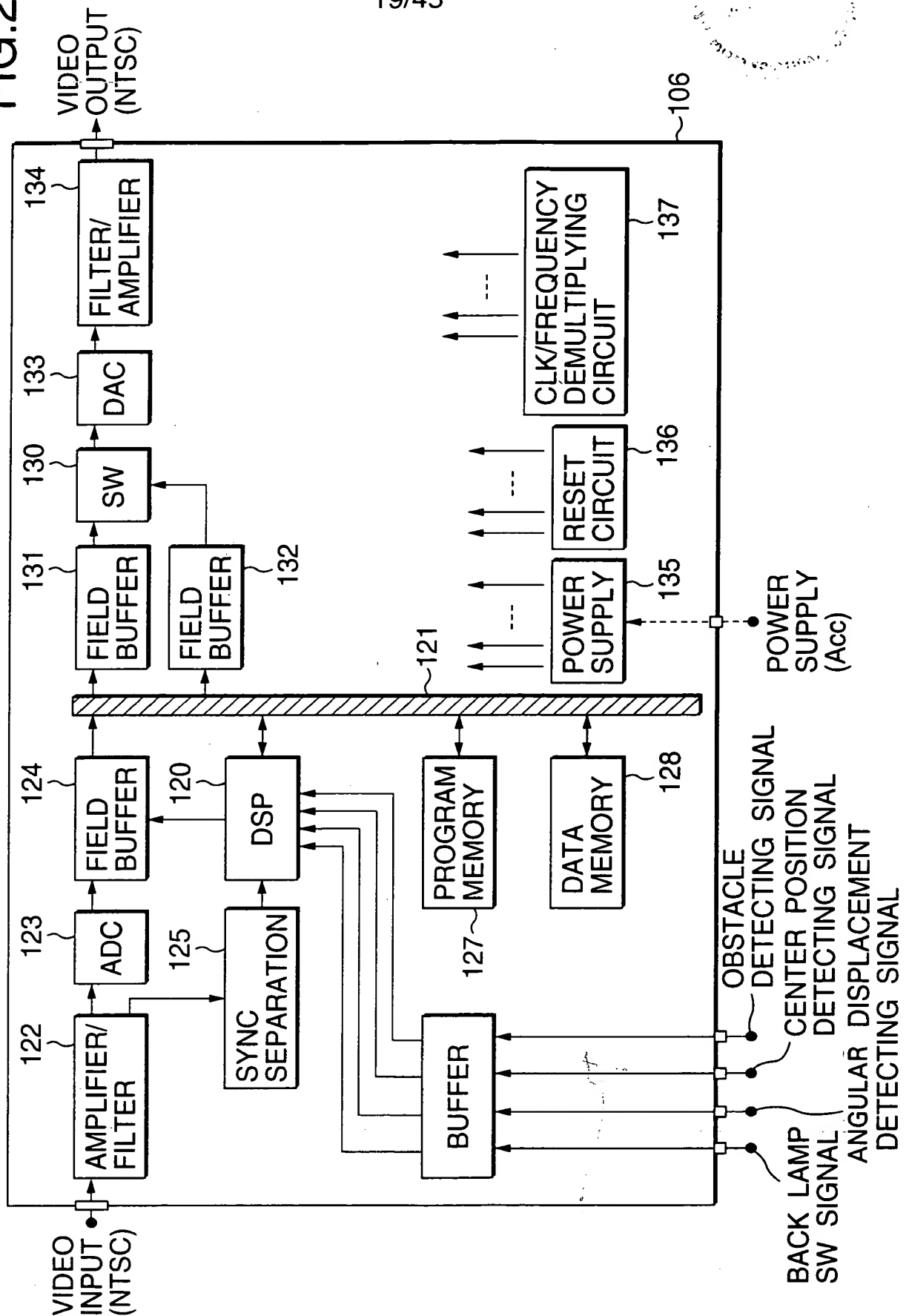


FIG.29

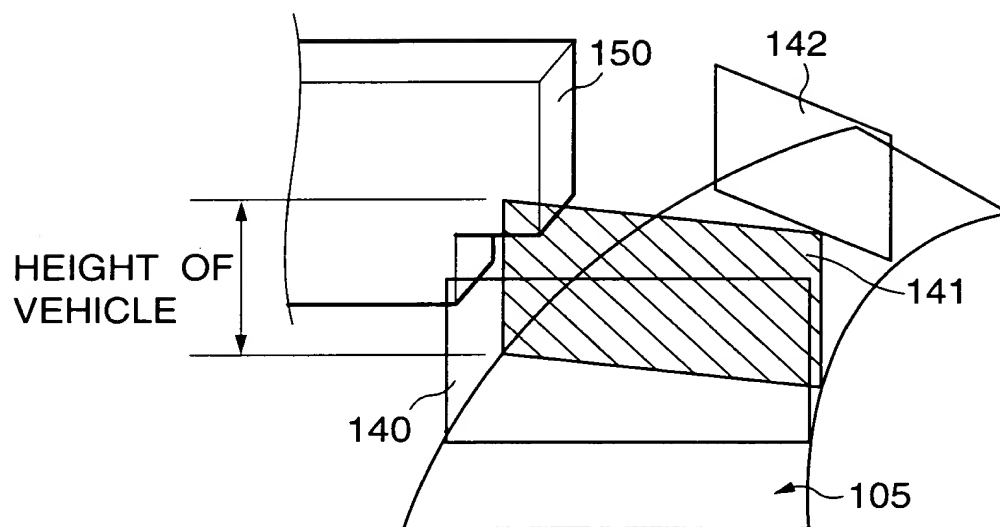
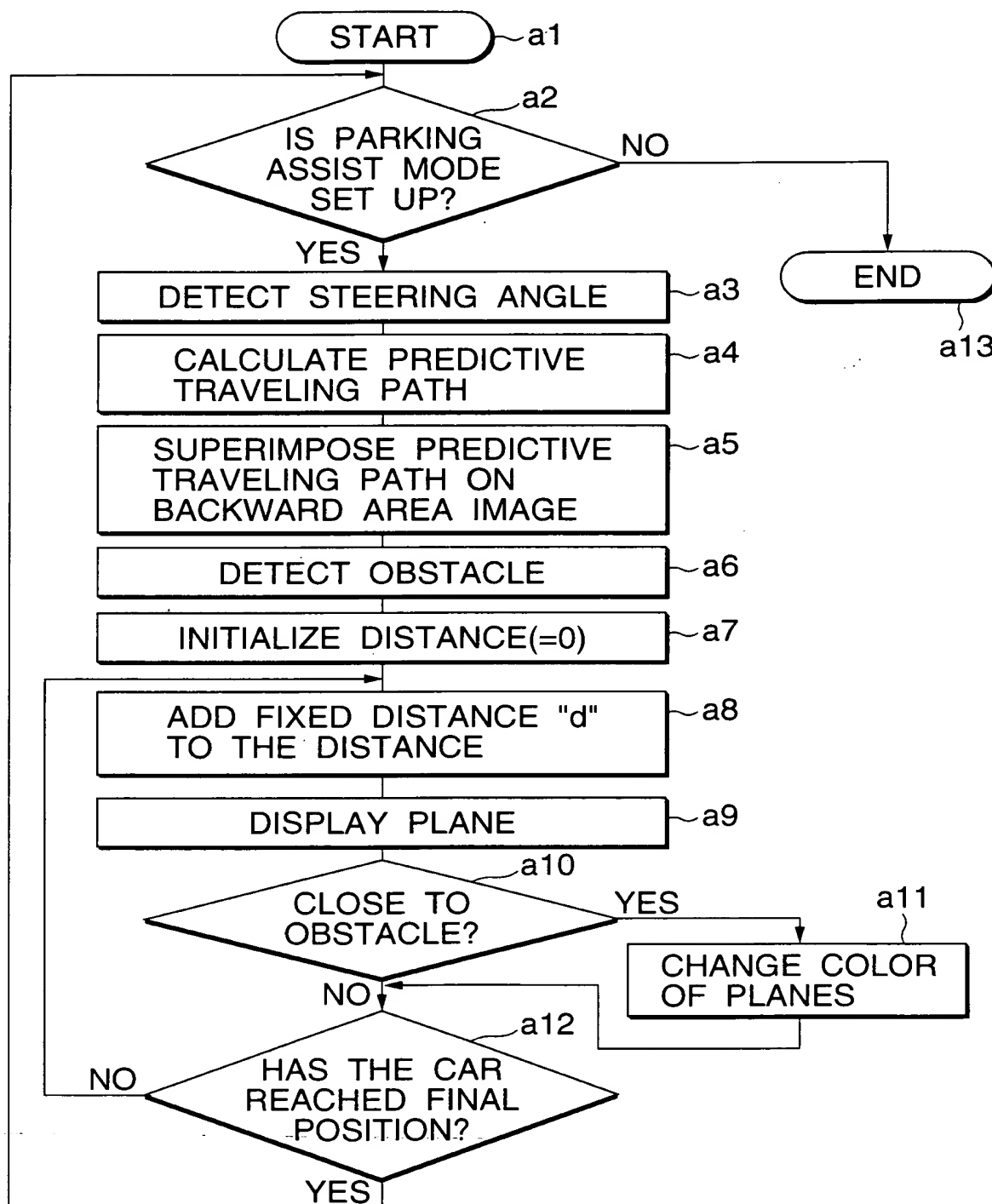


FIG.30



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FIG.31

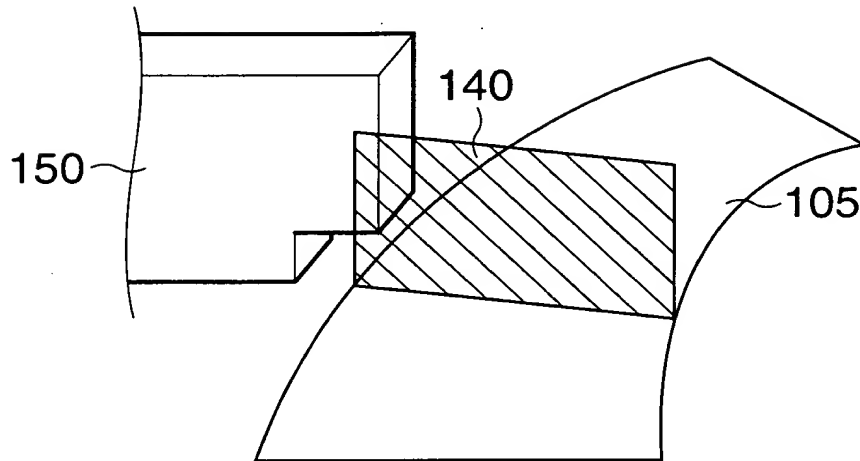
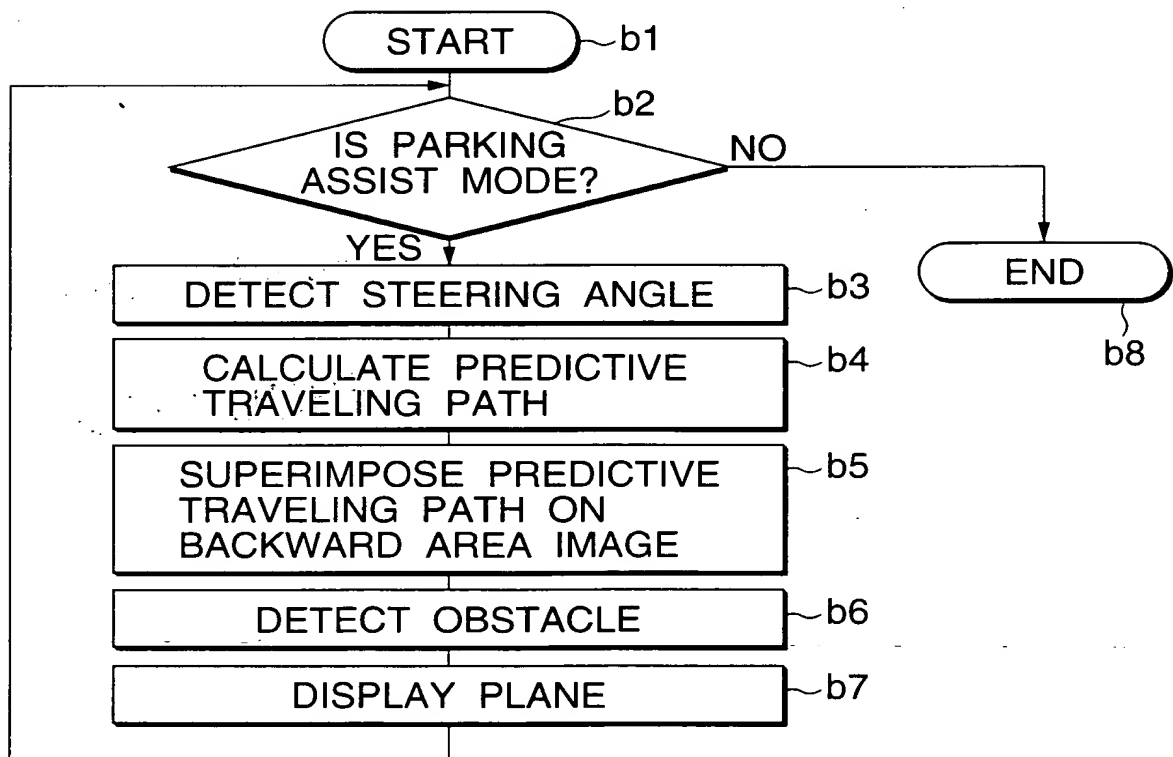


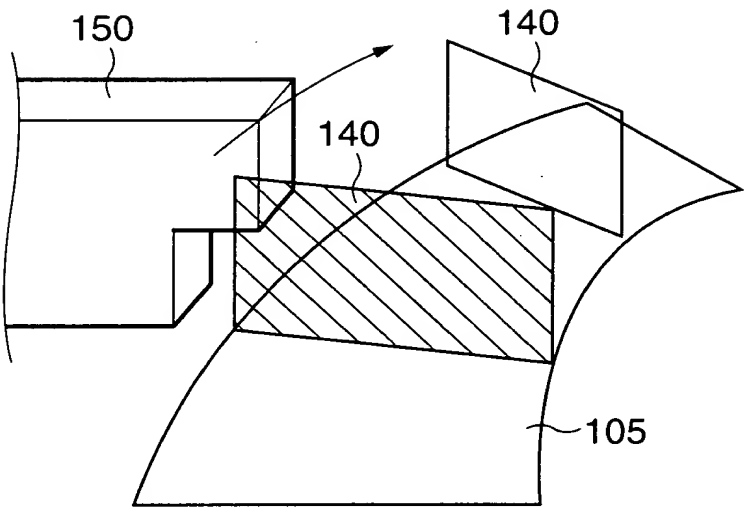
FIG.32



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FIG.33



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FIG.34

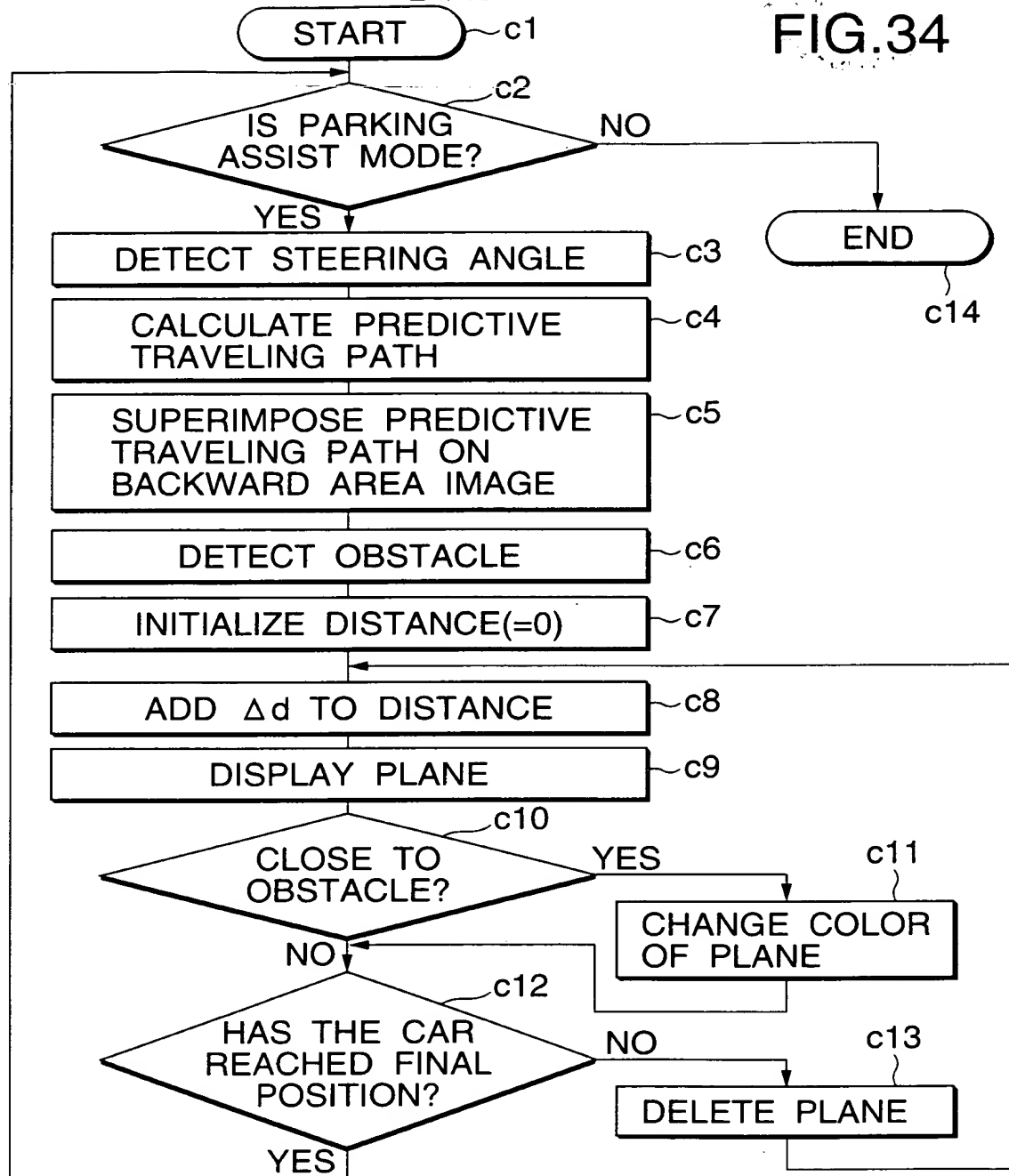


FIG.35

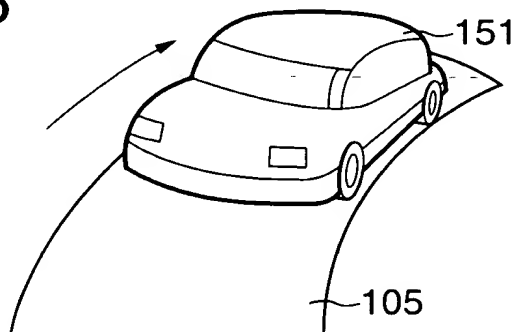




FIG.36

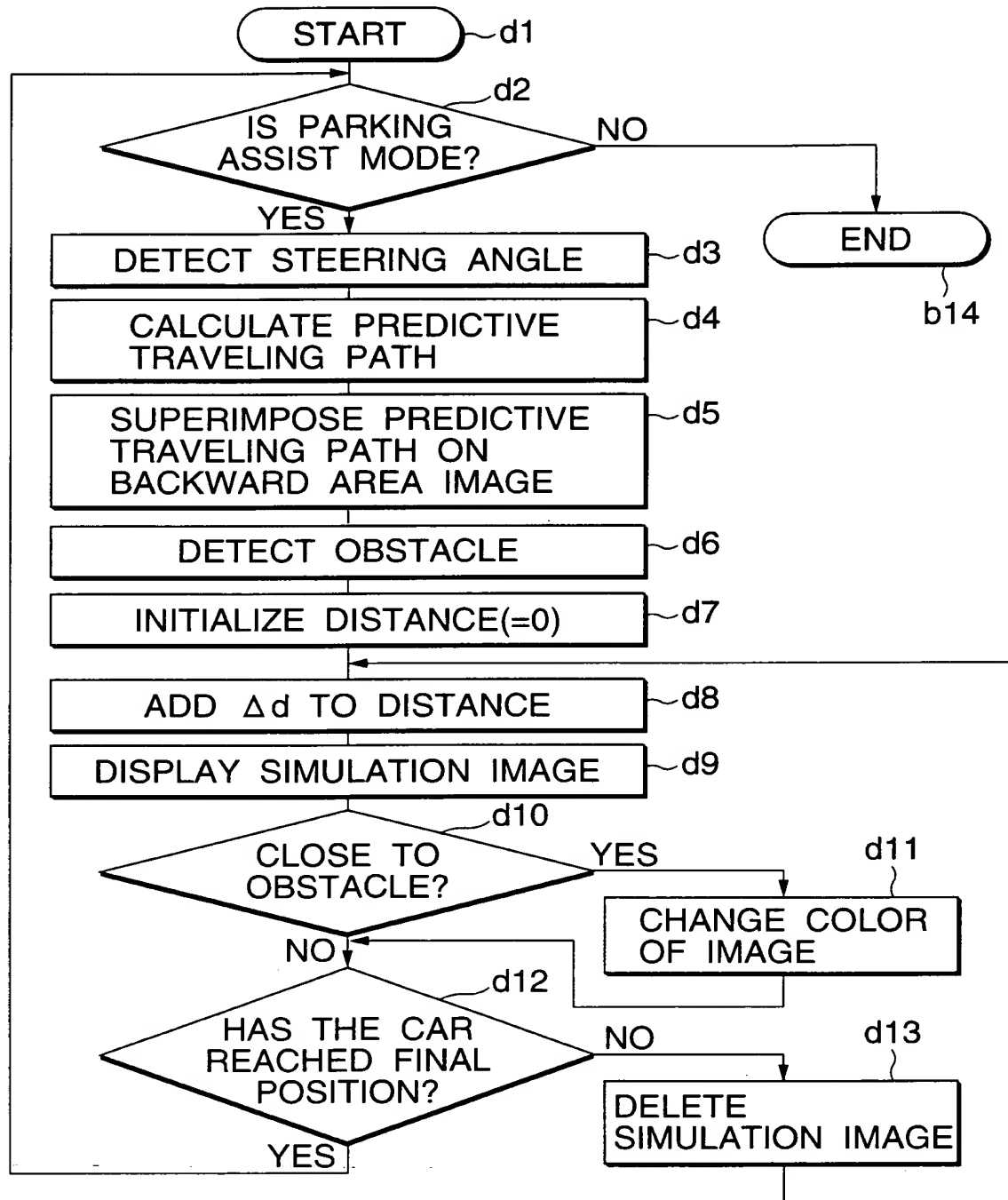


FIG.37

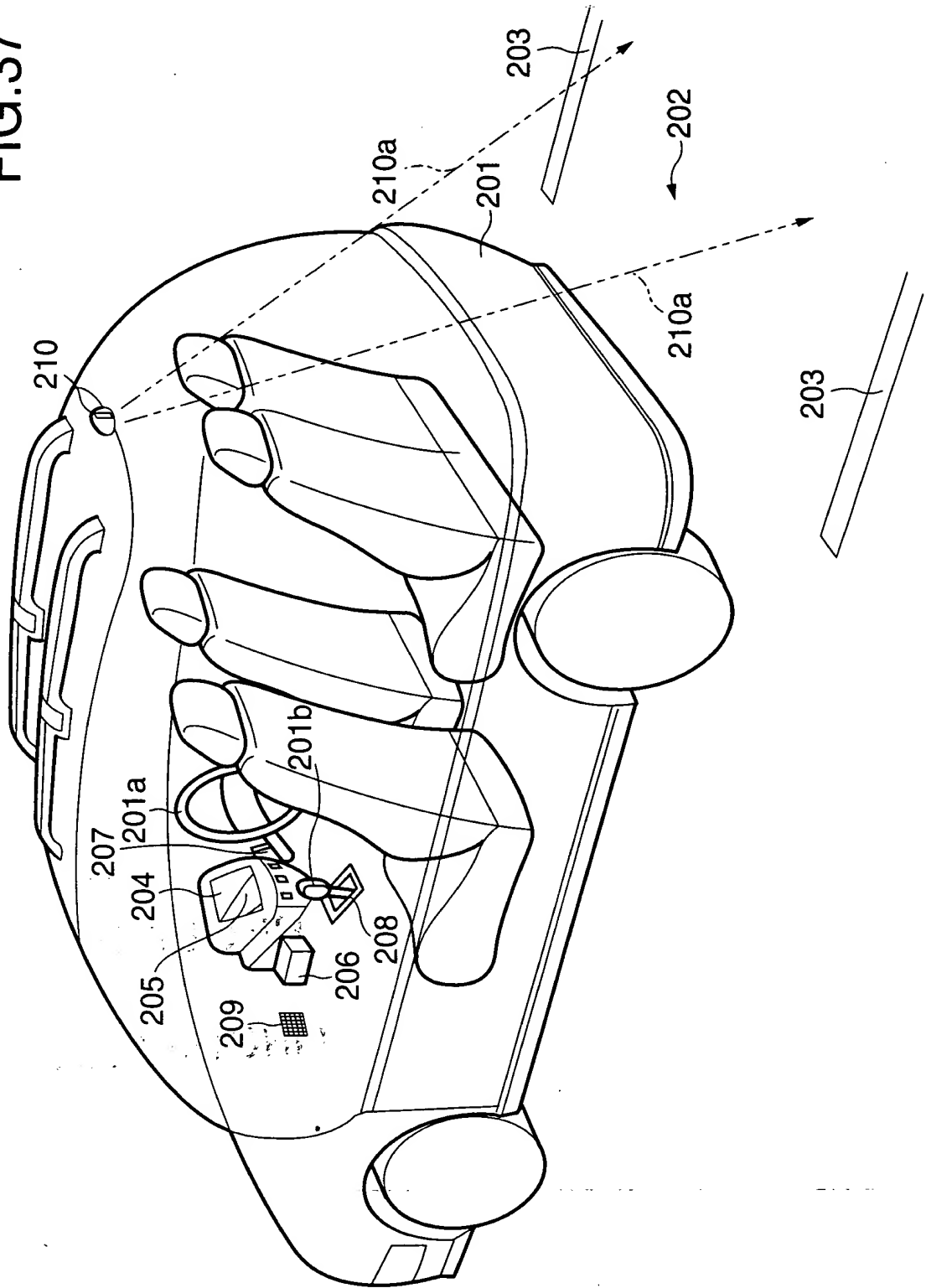


FIG.38

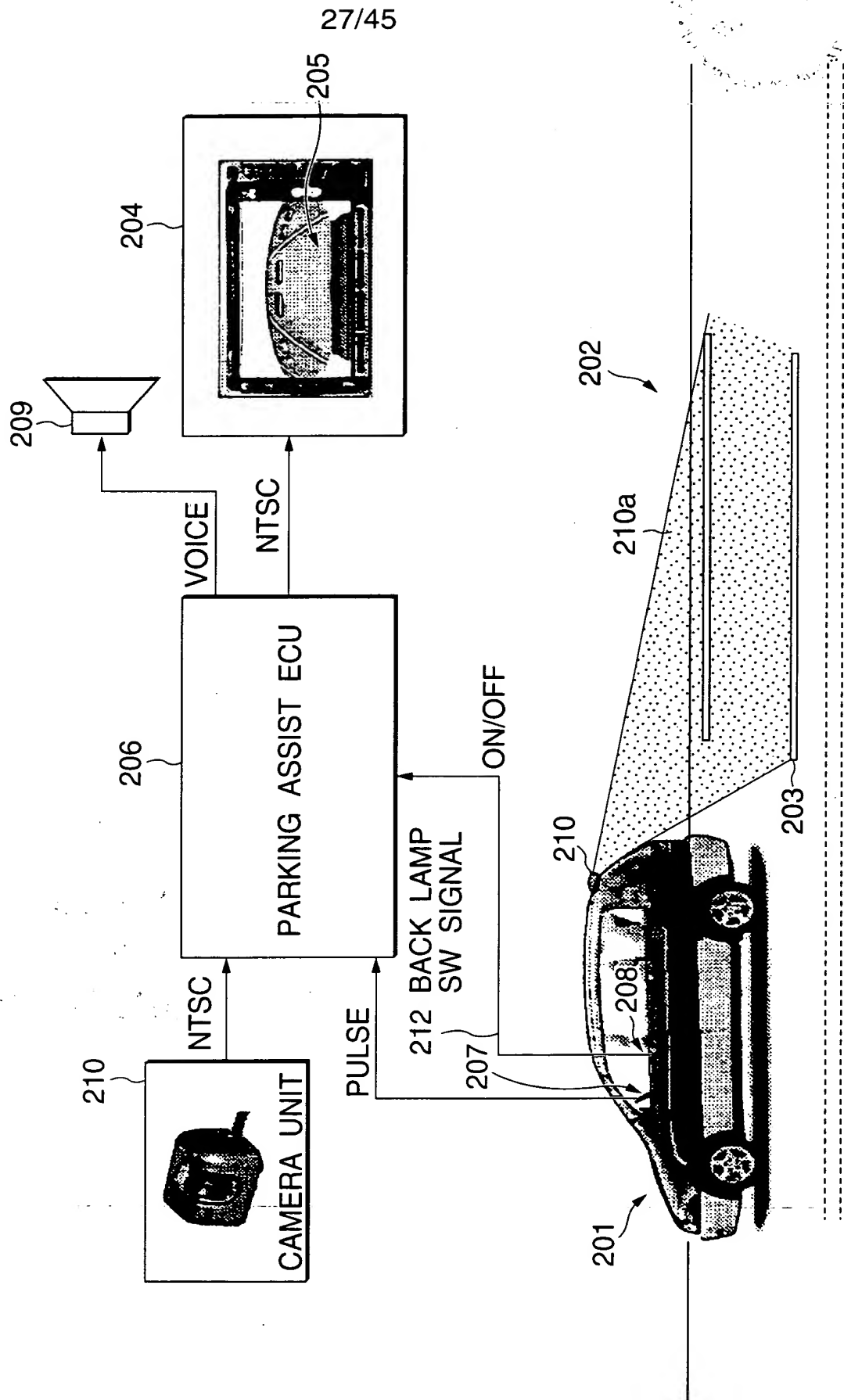


FIG.39

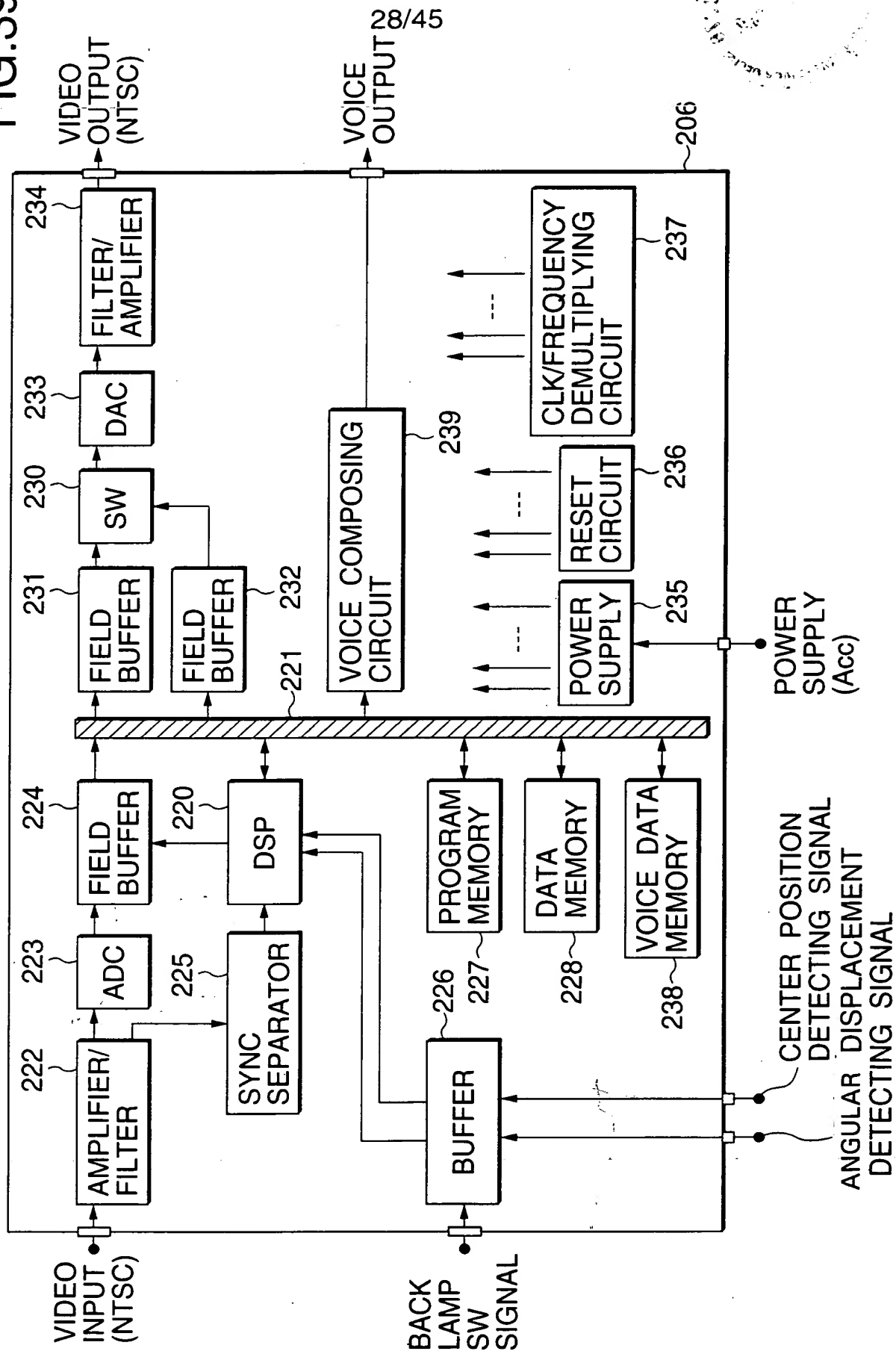
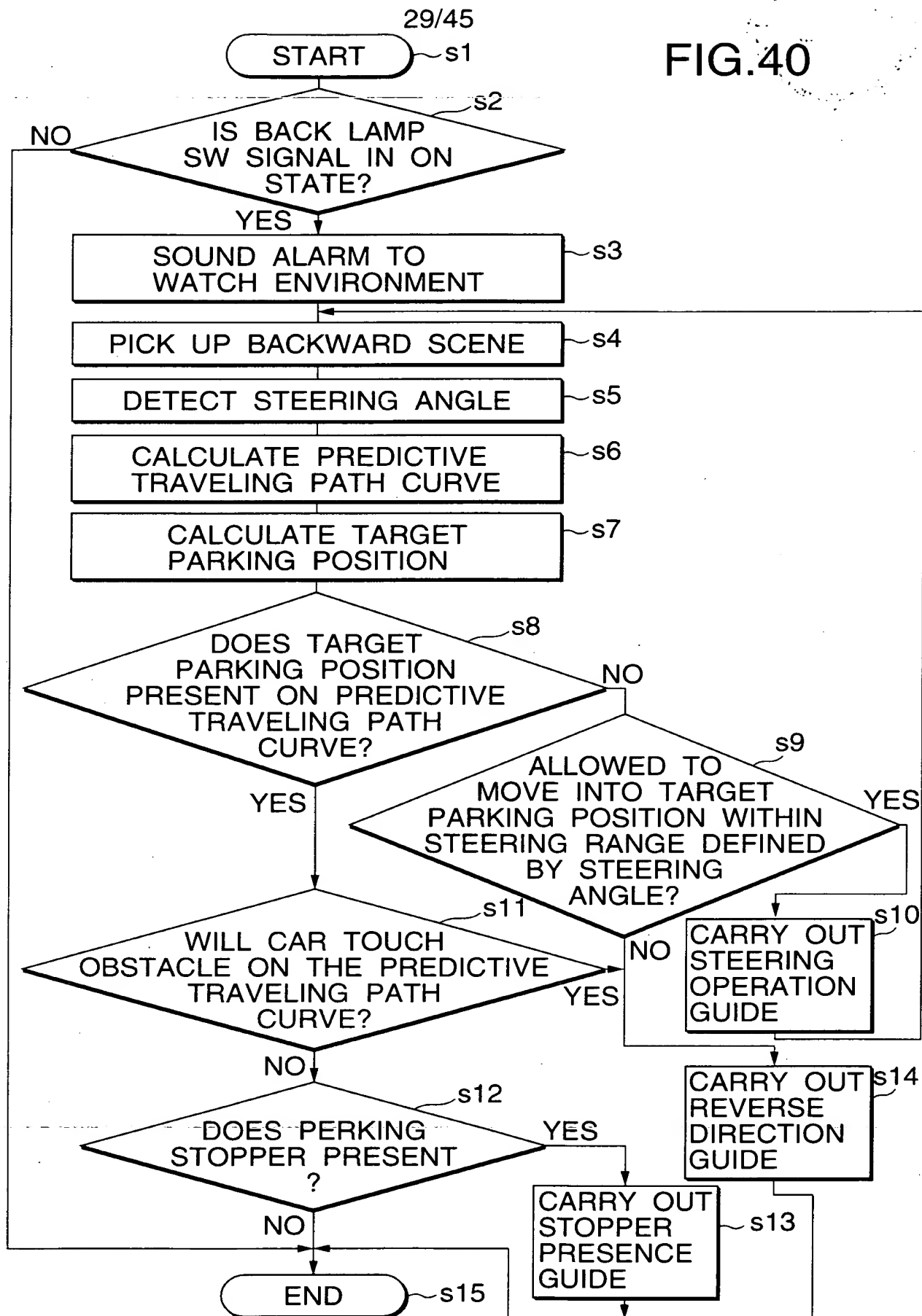
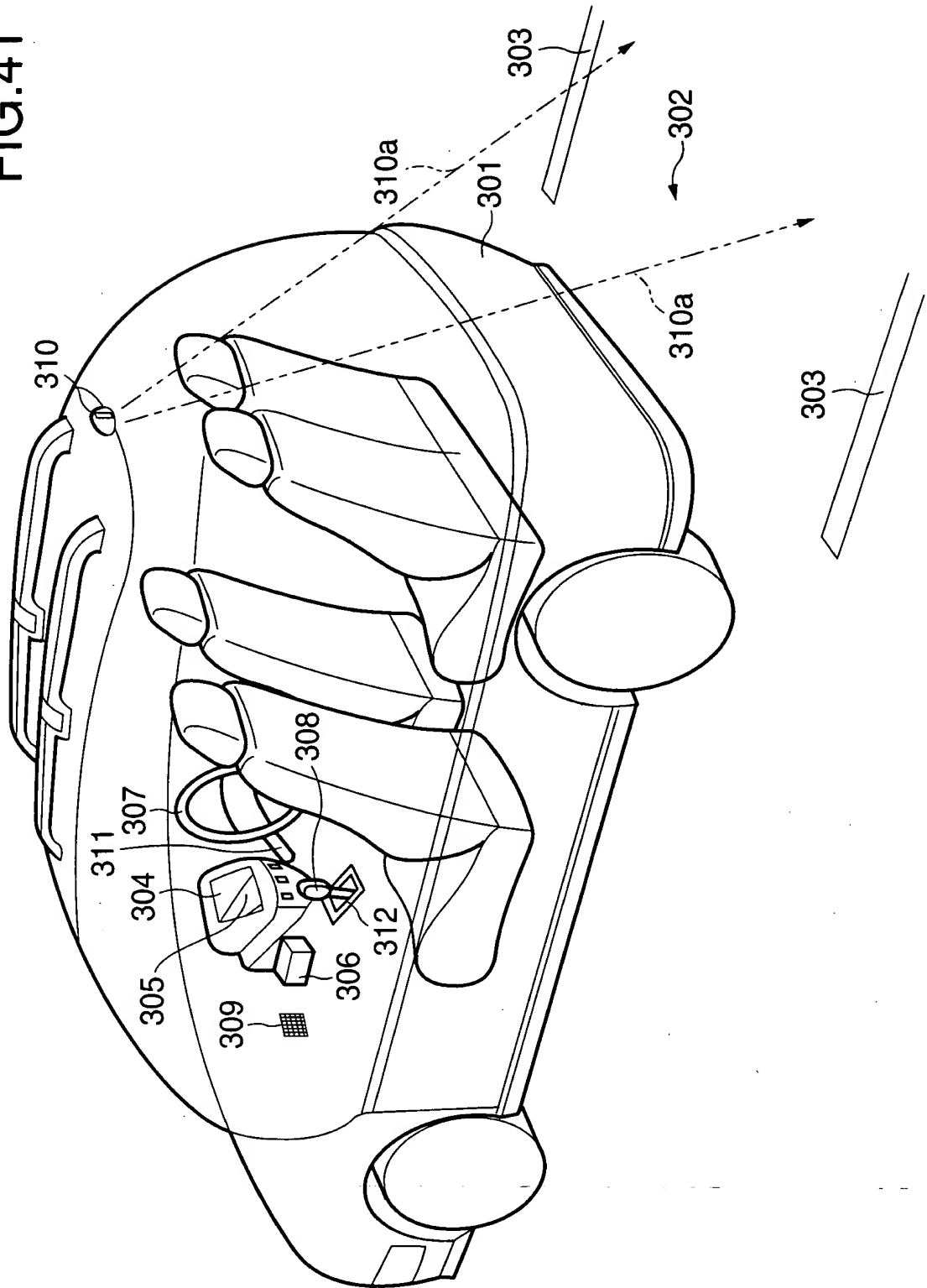


FIG.40



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FIG. 41



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FIG.42

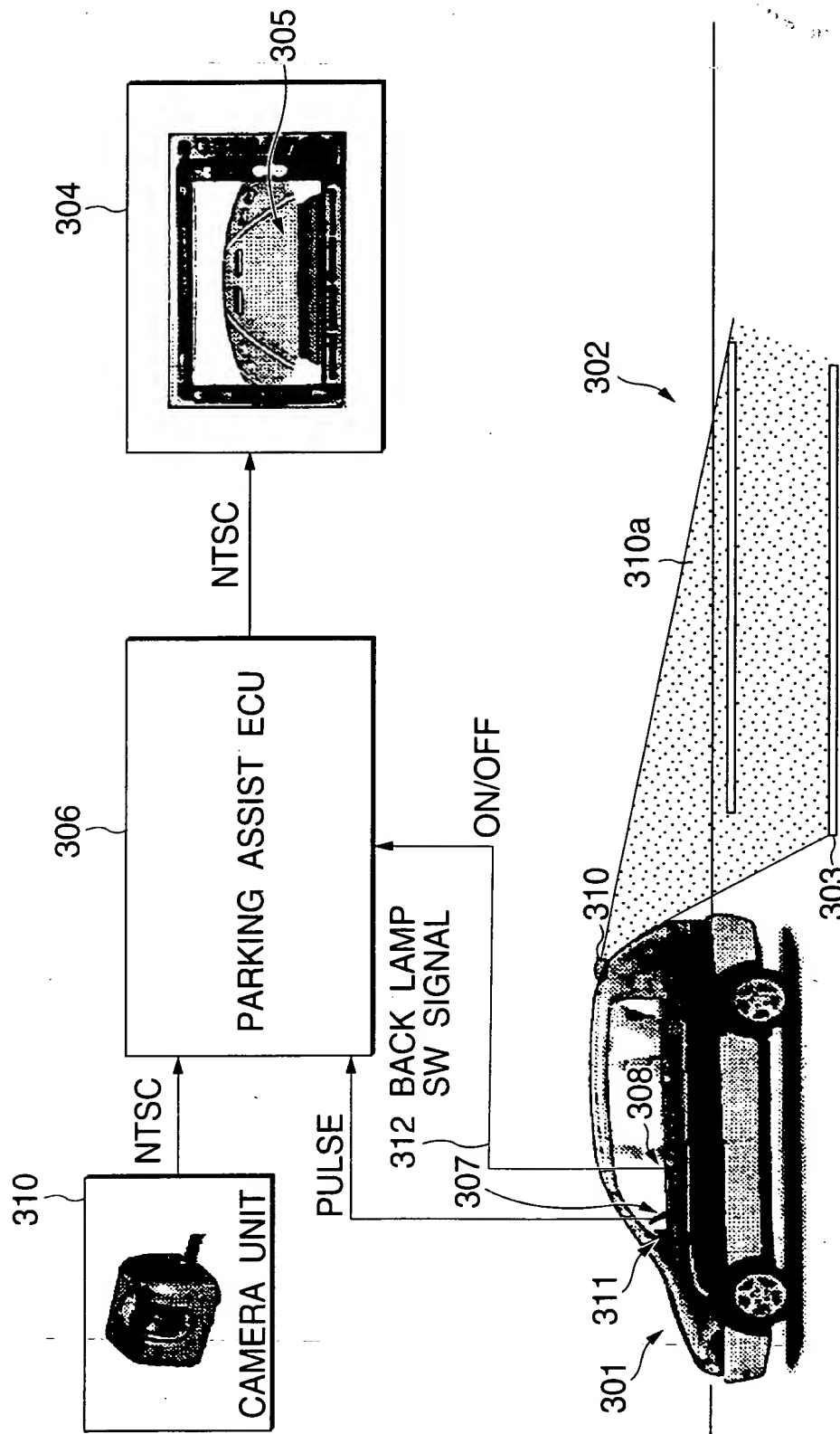
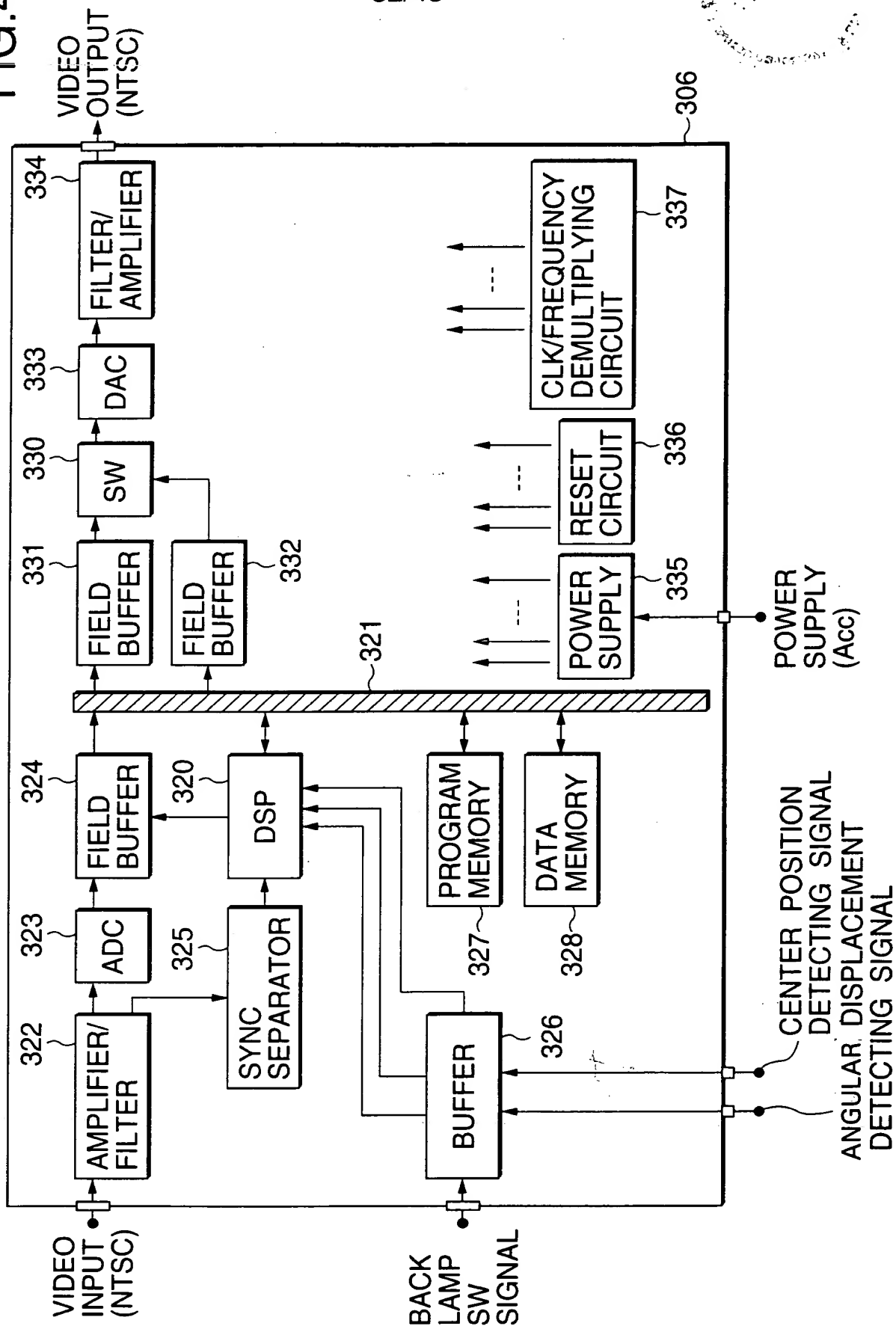


FIG. 43

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FIG.44

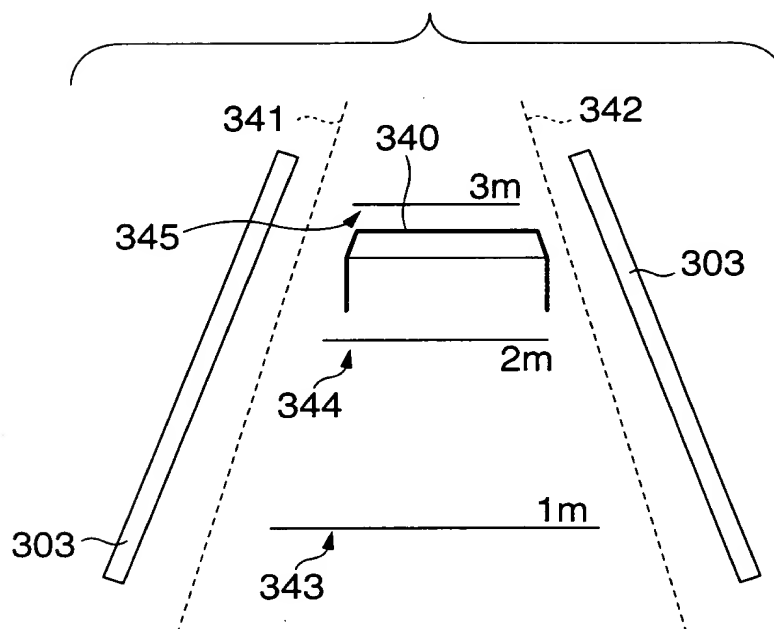
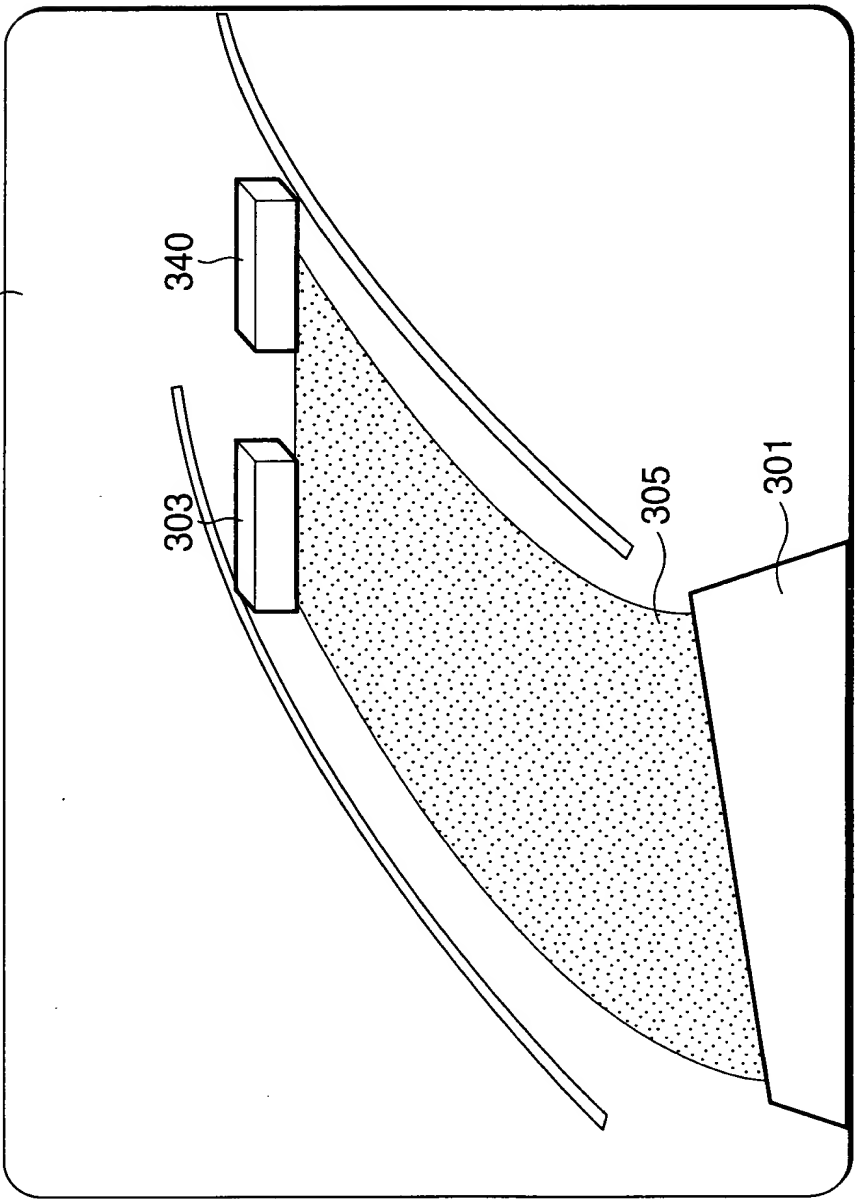




FIG.45



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FIG.46

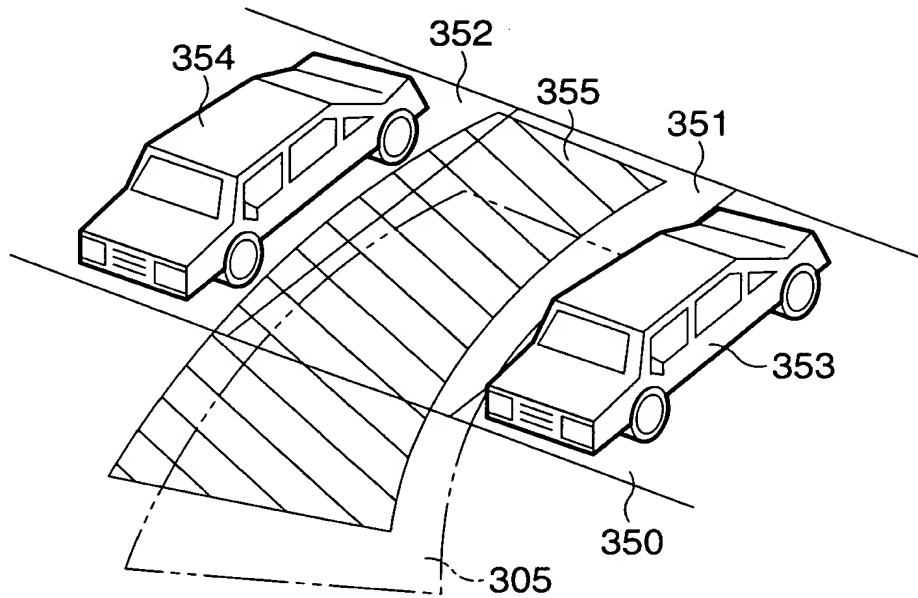


FIG.47

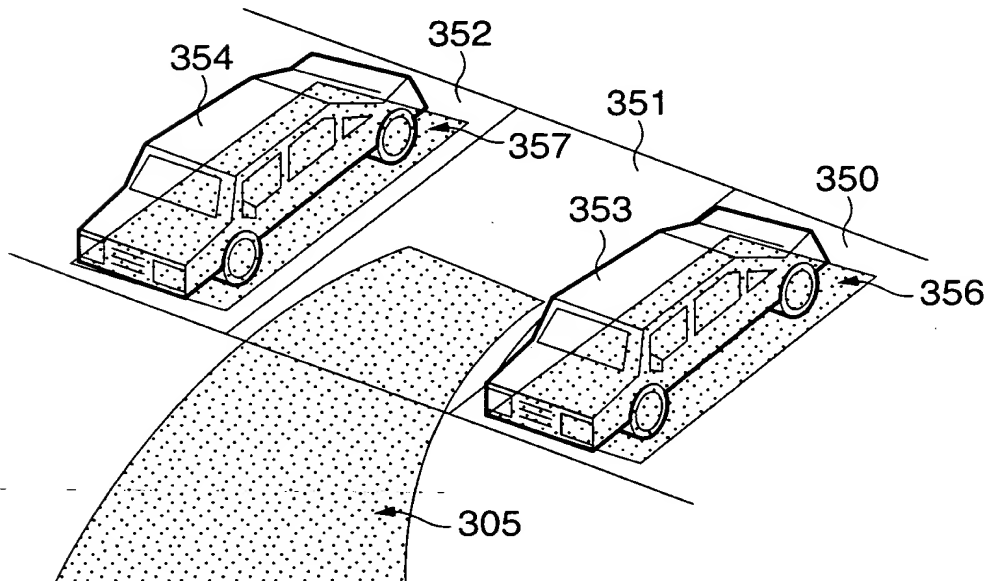
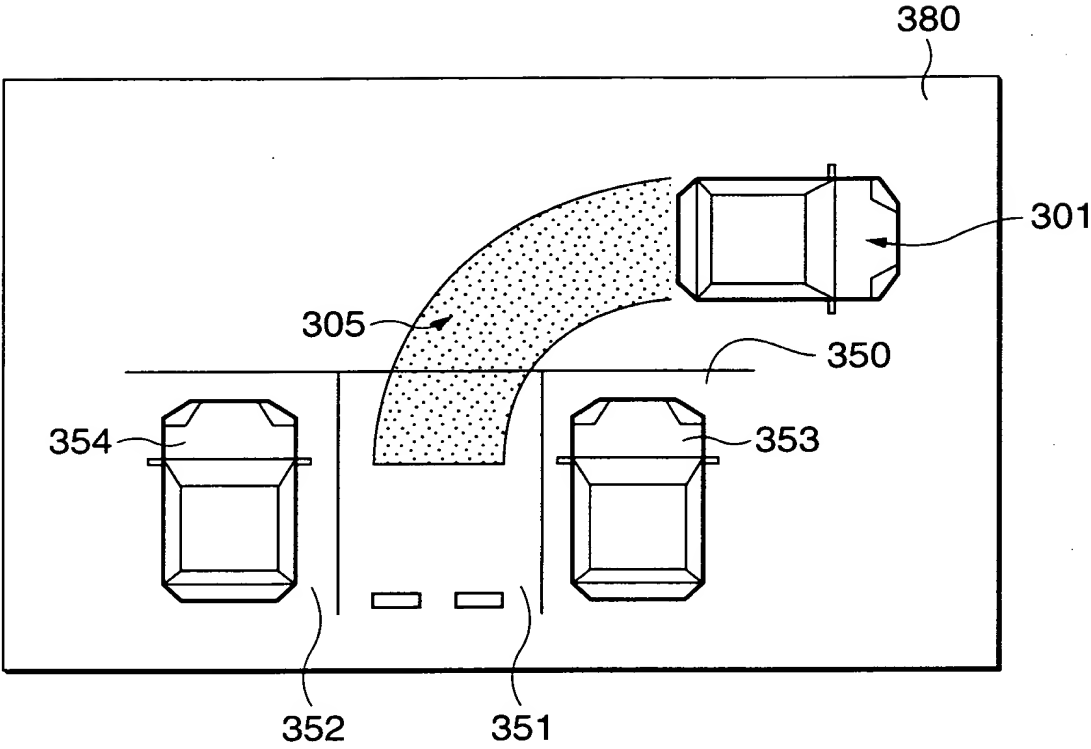


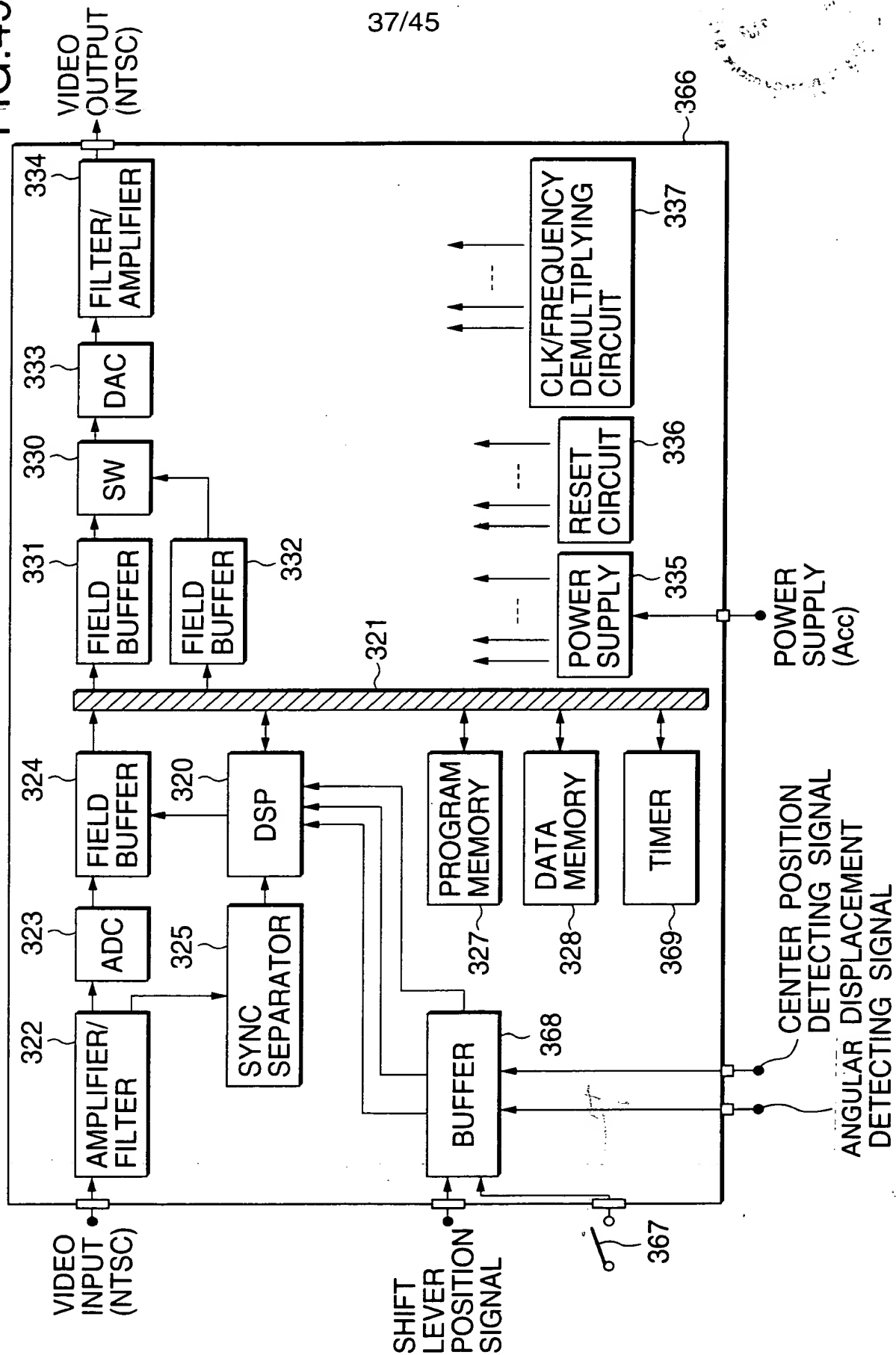


FIG.48



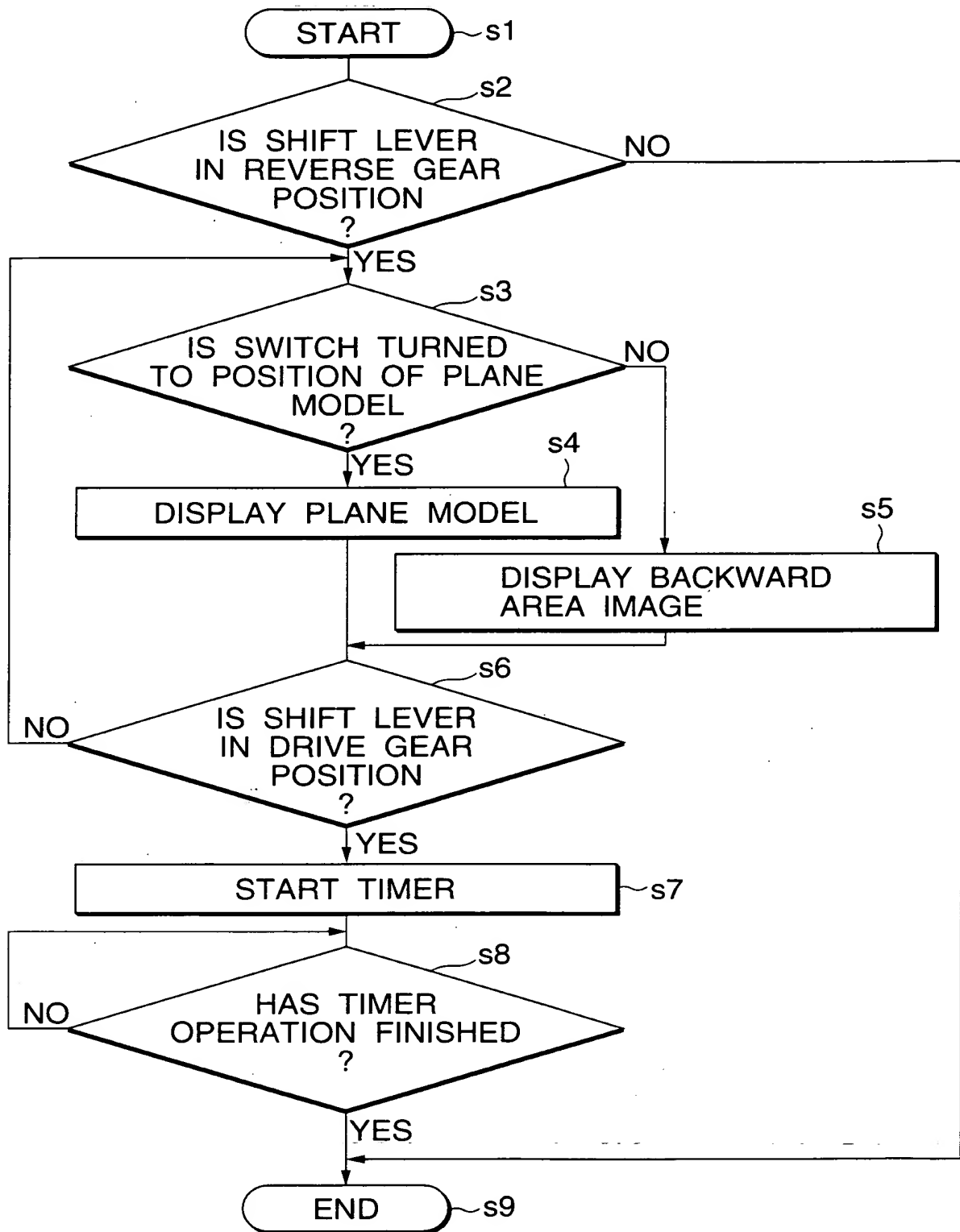
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FIG. 49



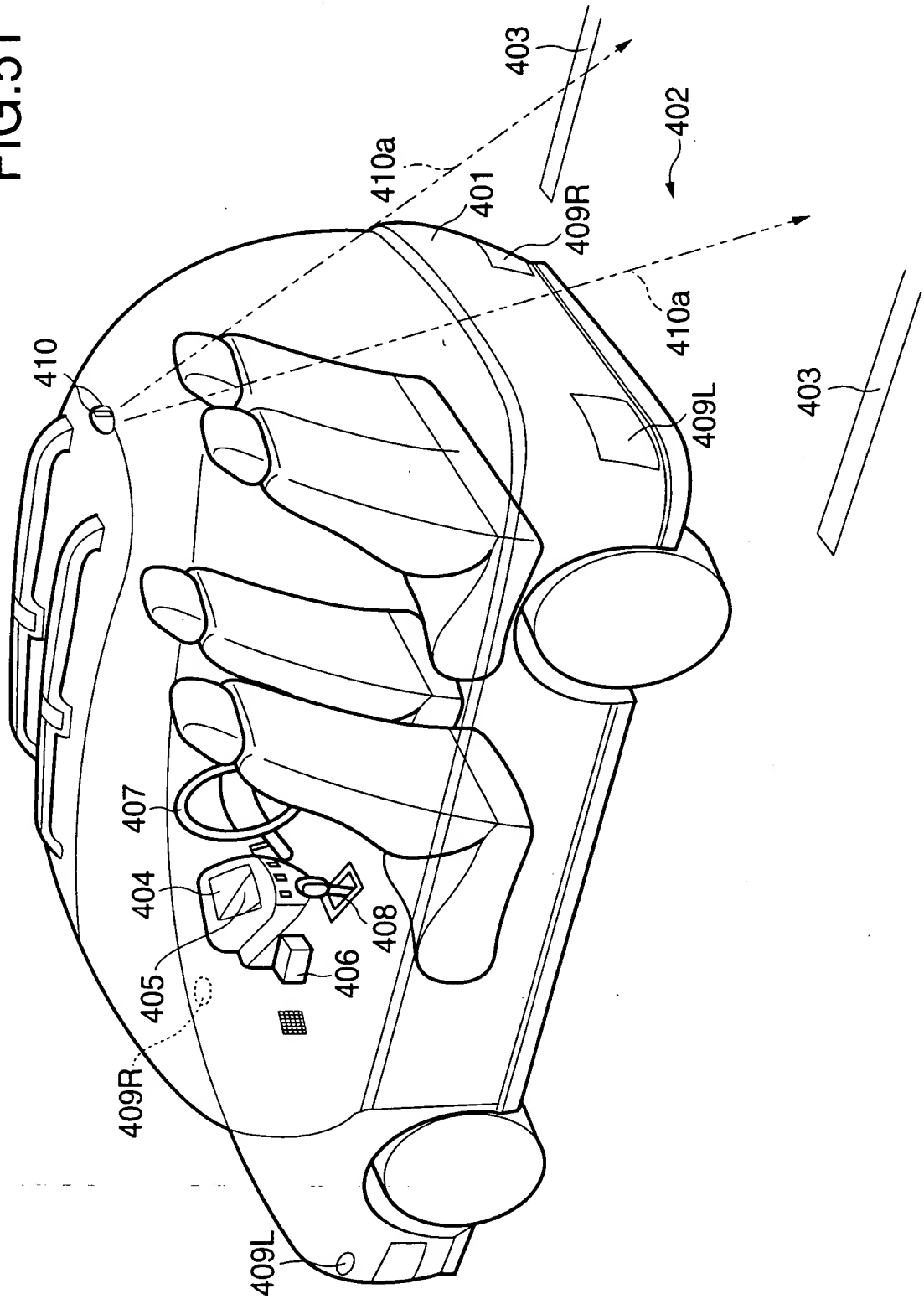
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FIG.50



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FIG. 51

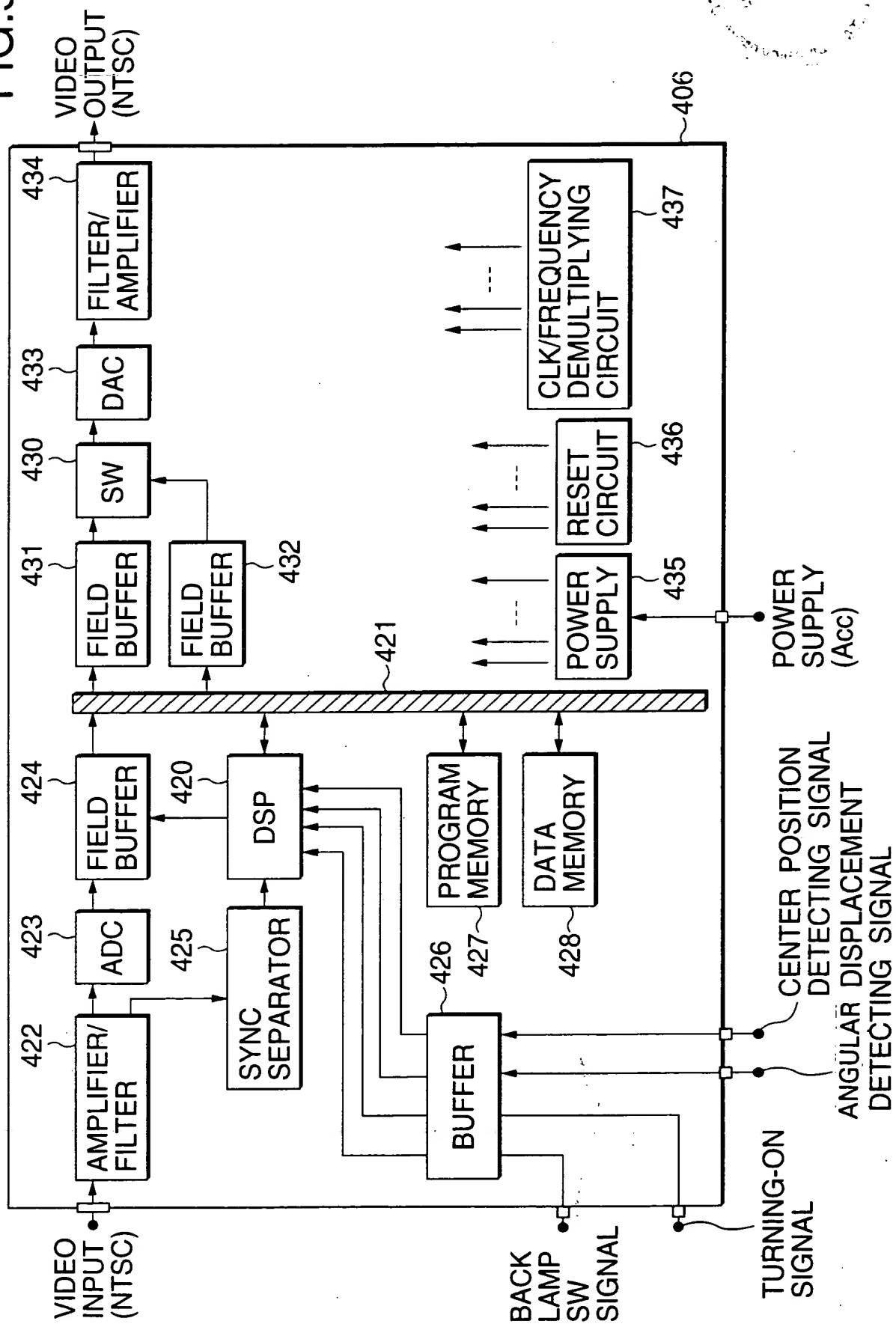






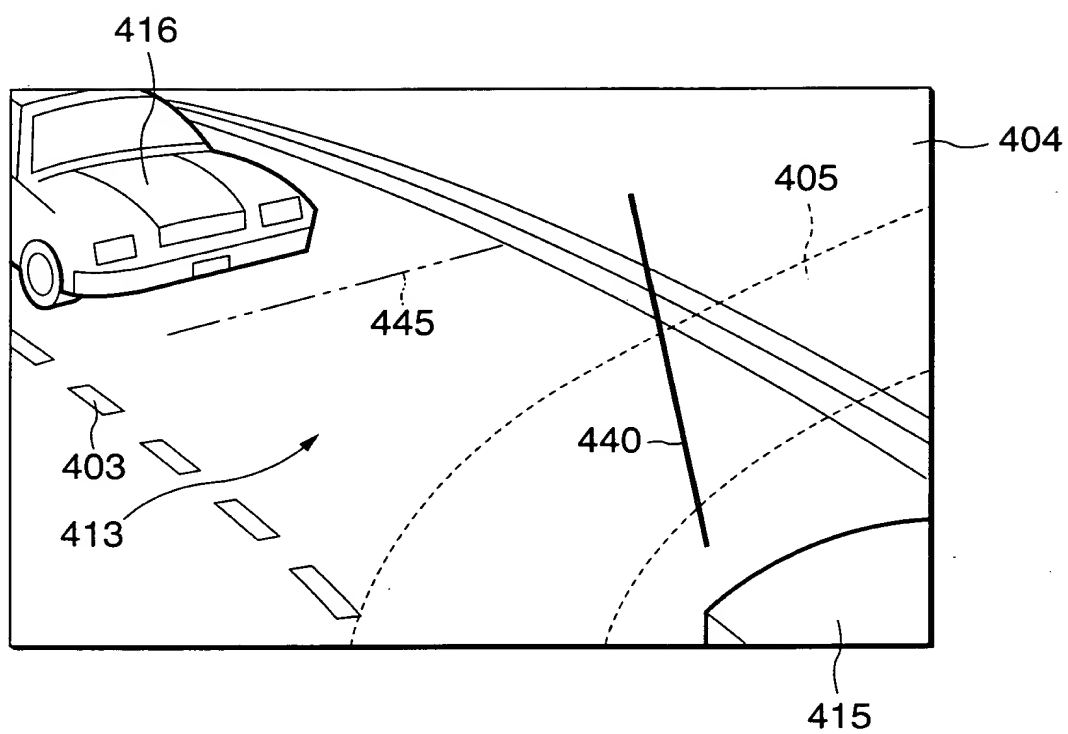
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FIG. 53



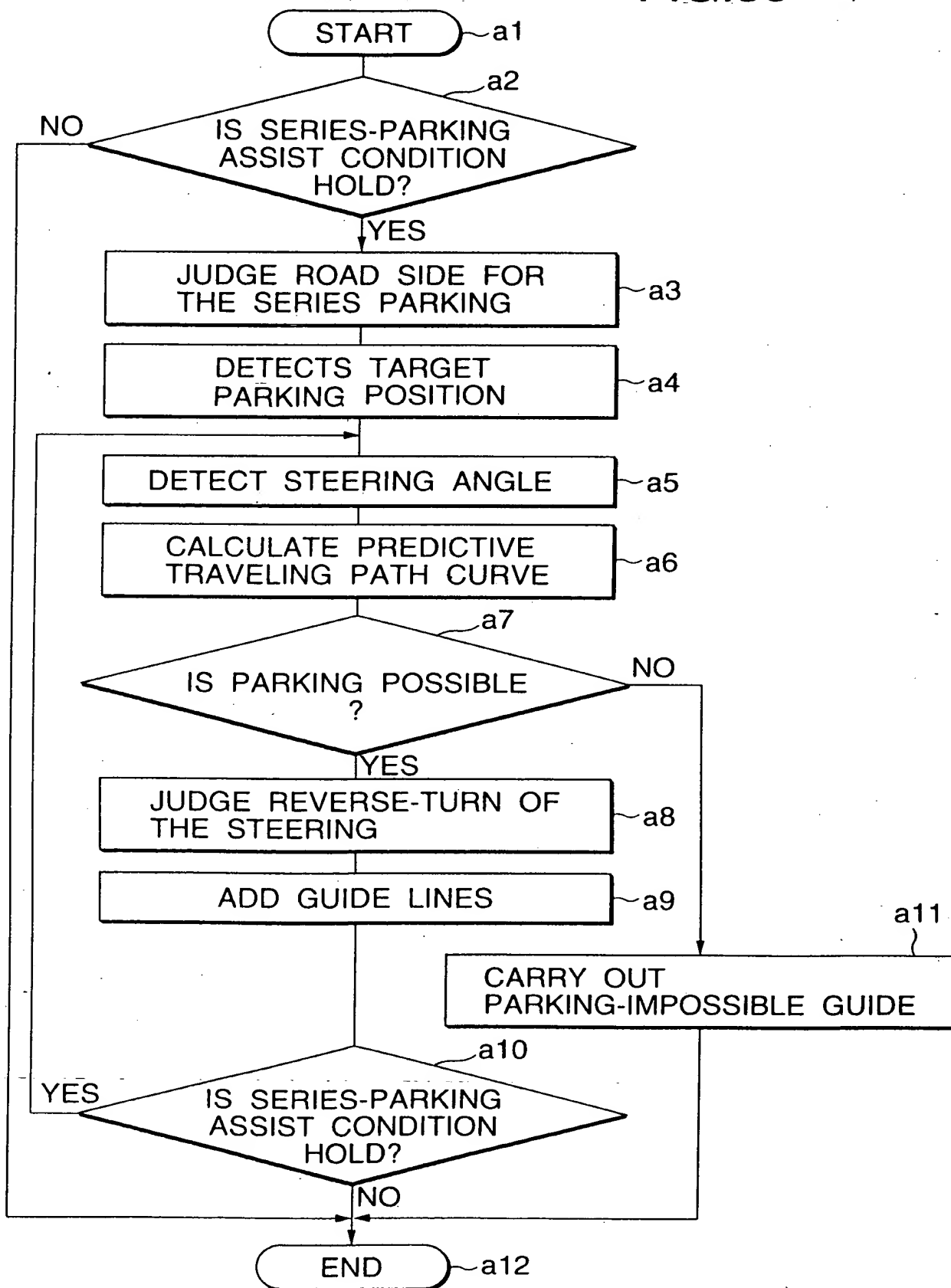
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FIG.54



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FIG.55



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FIG.56

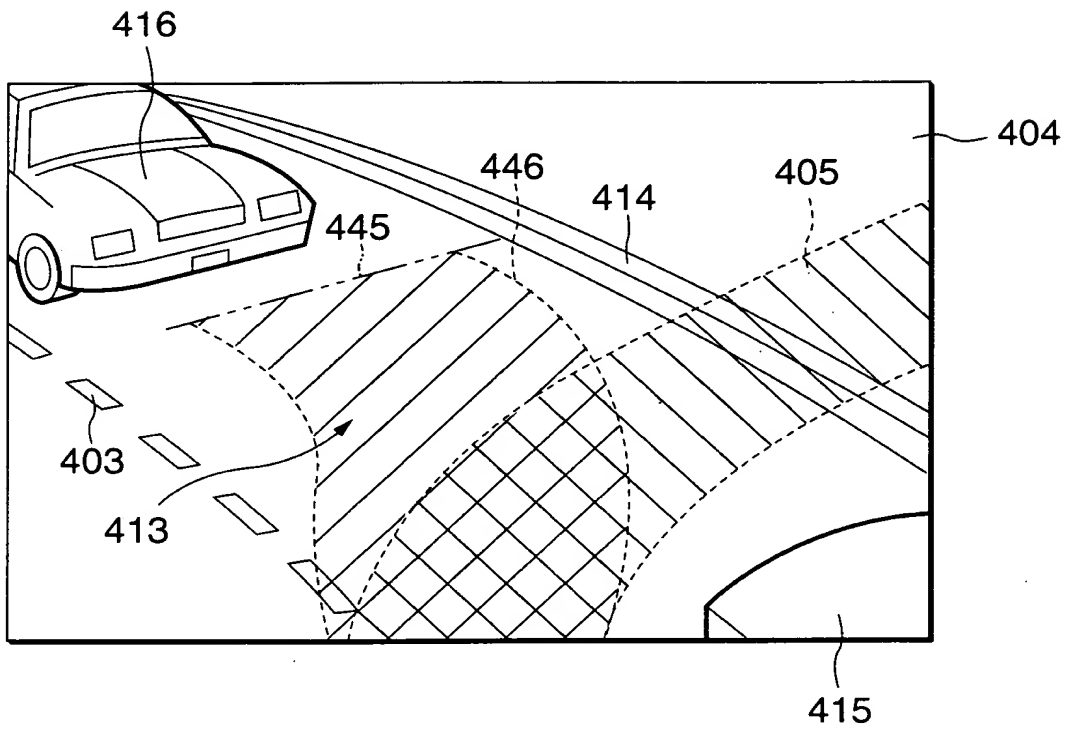


FIG.57

